

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027286.D
 Acq On : 11 Aug 2022 17:56
 Operator : SY/MD
 Sample : VSTD00108
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 01:31:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:29:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	156174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	14164	1.044	ug/L	0.00
7) Chloroethane-d5	1.561	69	11320	1.149	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	26745	1.087	ug/L	0.00
20) 2-Butanone-d5	3.905	46	16224	6.519	ug/L	0.02
24) Chloroform-d	4.346	84	27233	1.094	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	12964	1.094	ug/L	0.00
32) Benzene-d6	5.050	84	49182	1.037	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	15774	1.012	ug/L	0.00
41) Toluene-d8	7.316	98	43163	0.994	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	4985	0.982	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	17296	8.802	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	11765	1.109	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	13850	1.082	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	16891	0.910	ug/L	94
3) Chloromethane	1.236	50	19864	1.070	ug/L	100
5) Vinyl chloride	1.307	62	16039	0.926	ug/L	96
6) Bromomethane	1.516	94	8271	1.023	ug/L	93
8) Chloroethane	1.580	64	10887	1.131	ug/L	99
9) Trichlorofluoromethane	1.748	101	22772	0.985	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	10228	0.942	ug/L	93
12) 1,1-Dichloroethene	2.111	96	11354	1.010	ug/L	96
13) Acetone	2.166	43	12100	6.320	ug/L #	36
14) Carbon disulfide	2.288	76	45575	1.012	ug/L	99
15) Methyl Acetate	2.432	43	3994	0.966	ug/L	98
16) Methylene chloride	2.500	84	18978	1.051	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	25673	0.978	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	14238	1.029	ug/L	98
19) 1,1-Dichloroethane	3.185	63	27700	1.046	ug/L	97
21) 2-Butanone	3.989	43	17085	7.860	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	12974	0.954	ug/L	88
23) Bromochloromethane	4.246	128	6377	1.003	ug/L	98
25) Chloroform	4.375	83	29582	1.087	ug/L	96
27) 1,2-Dichloroethane	5.137	62	17037	1.096	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	21938	0.970	ug/L	92
30) Cyclohexane	4.667	56	14033	0.766	ug/L	95
31) Carbon tetrachloride	4.821	117	19110	0.971	ug/L	99
33) Benzene	5.098	78	53426	0.973	ug/L	100
34) Trichloroethene	5.915	95	13522	0.989	ug/L	94
35) Methylcyclohexane	6.127	83	14192	0.754	ug/L	99
37) 1,2-Dichloropropane	6.175	63	12851	0.946	ug/L	100
38) Bromodichloromethane	6.509	83	17884	1.022	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	14201	0.856	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	63766	9.100	ug/L	97
42) Toluene	7.390	91	47907	0.874	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	12678	0.873	ug/L	100

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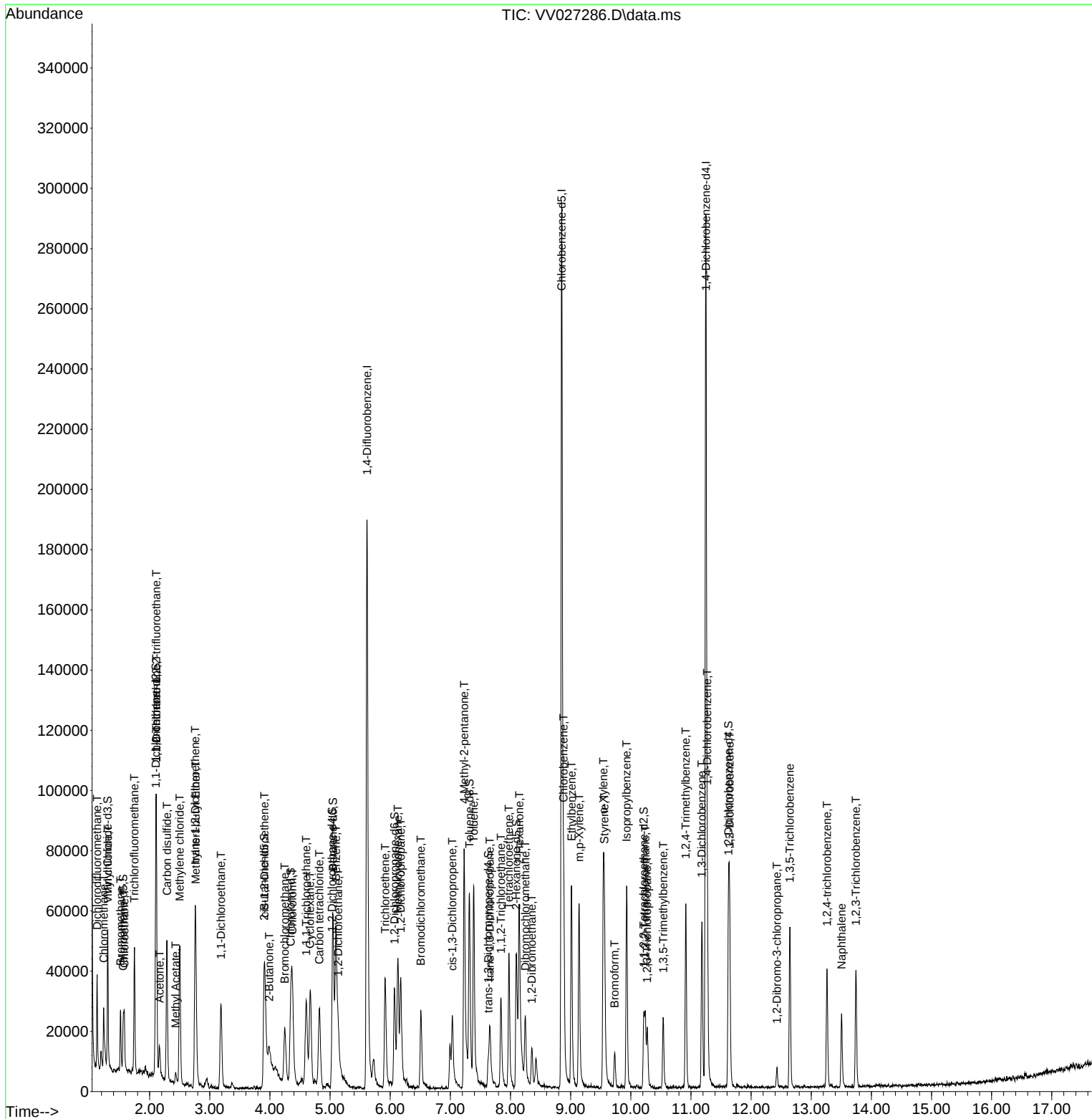
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:29:27 2022
 Response via : Initial Calibration

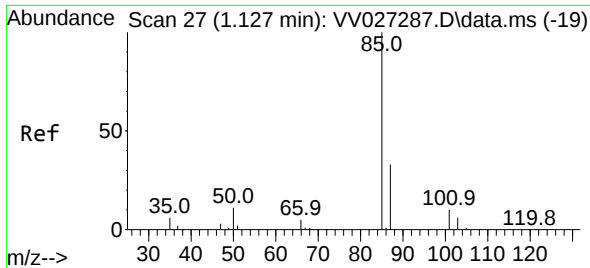
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	9872	1.020	ug/L	96
47) Tetrachloroethene	7.976	164	10127	0.943	ug/L	94
48) 2-Hexanone	8.146	43	45791	9.280	ug/L	93
49) Dibromochloromethane	8.246	129	11316	0.999	ug/L	97
50) 1,2-Dibromoethane	8.355	107	7904	0.918	ug/L #	95
51) Chlorobenzene	8.882	112	34855	0.976	ug/L	98
52) Ethylbenzene	9.014	91	45742	0.831	ug/L	92
53) m,p-Xylene	9.143	106	17143	0.816	ug/L	92
54) o-Xylene	9.545	106	17531	0.853	ug/L	94
55) Styrene	9.561	104	28613	0.810	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	11317	1.049	ug/L	99
59) Bromoform	9.731	173	5532	1.106	ug/L	97
60) Isopropylbenzene	9.931	105	40313	0.863	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	8055	1.128	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	12090	0.936	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	31488	0.851	ug/L	96
64) 1,3-Dichlorobenzene	11.181	146	22442	0.961	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	22506	0.958	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	20559	0.946	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.429	75	1604	1.075	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	16223	0.964	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	11824	0.940	ug/L	98
71) Naphthalene	13.506	128	18292	0.941	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	10931	0.932	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 01:29:27 2022
Response via : Initial Calibration

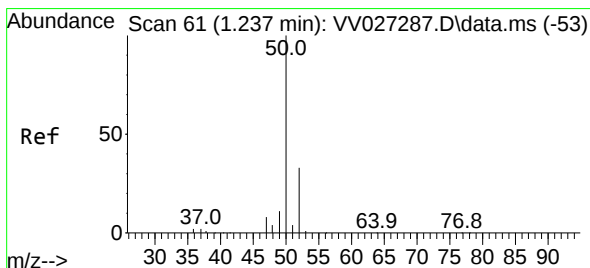
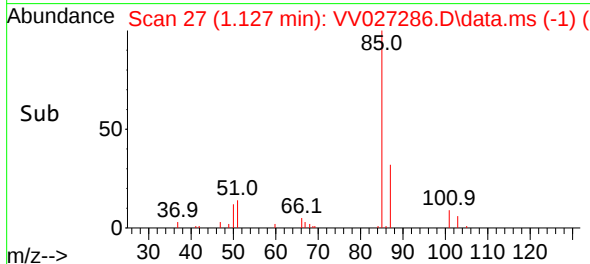
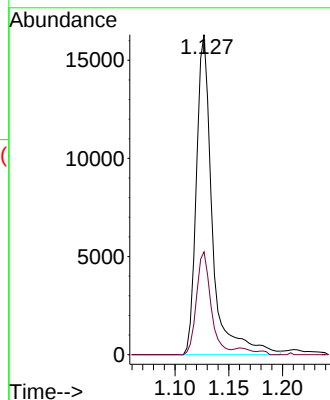
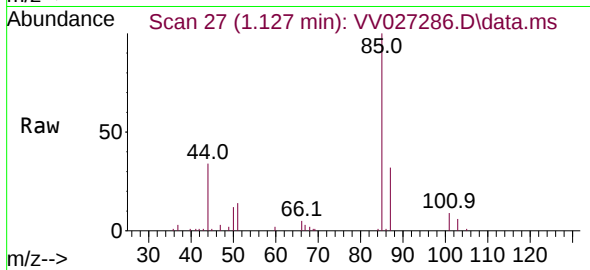




#2
 Dichlorodifluoromethane
 Concen: 0.910 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV027286.D
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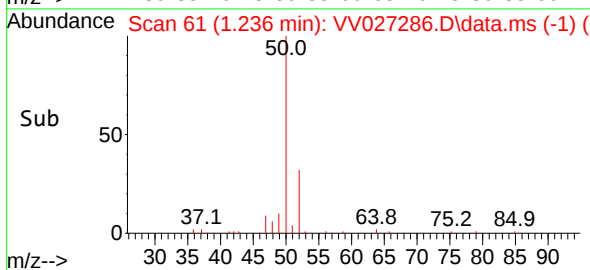
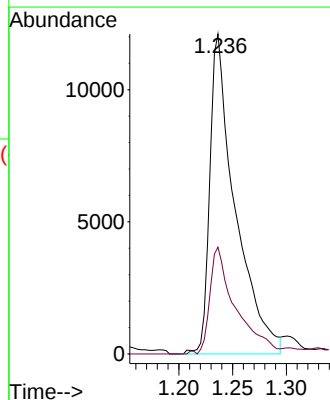
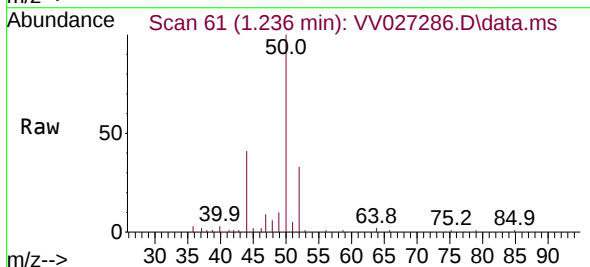
Instrument :
 MSVOA_V
 ClientSampleId :

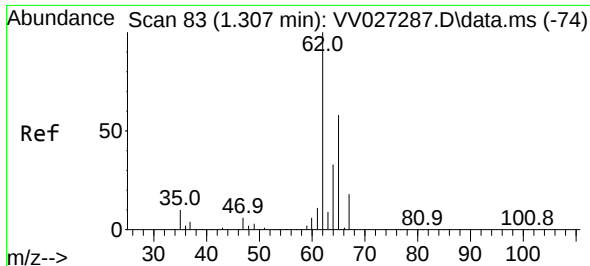
Tgt Ion: 85 Resp: 16891
 Ion Ratio Lower Upper
 85 100
 87 29.3 26.2 39.4



#3
 Chloromethane
 Concen: 1.070 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

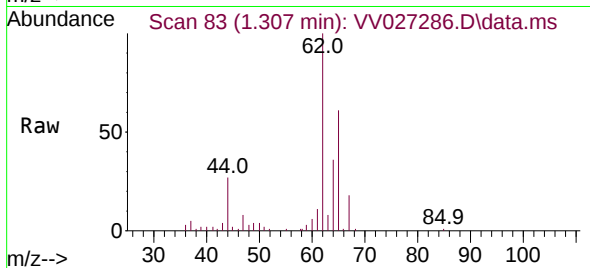
Tgt Ion: 50 Resp: 19864
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4



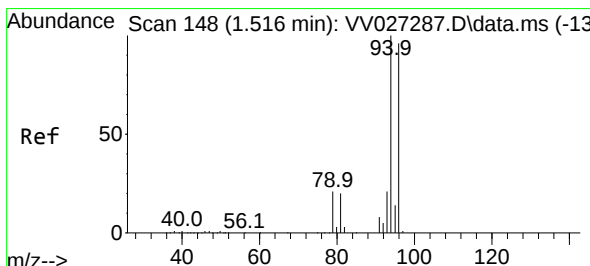
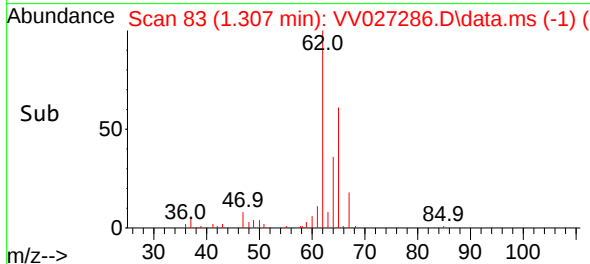
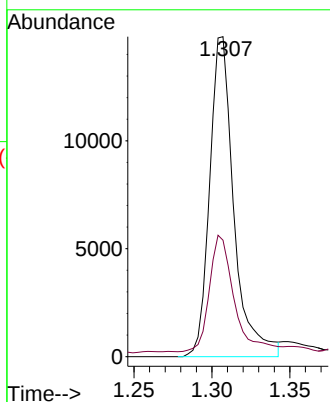


#5
 Vinyl chloride
 Concen: 0.926 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

Instrument :
 MSVOA_V
 ClientSampleId :

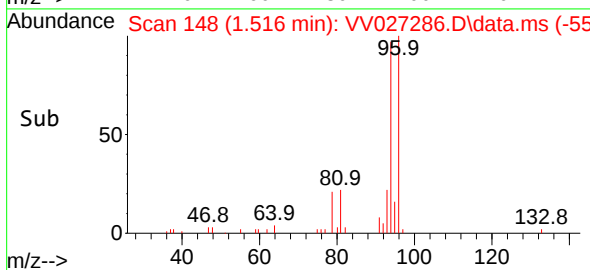
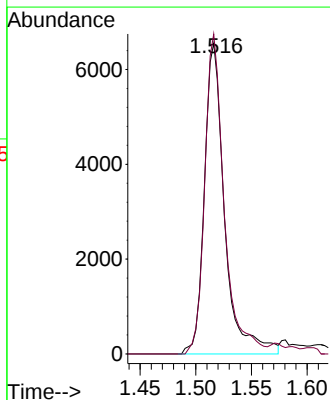
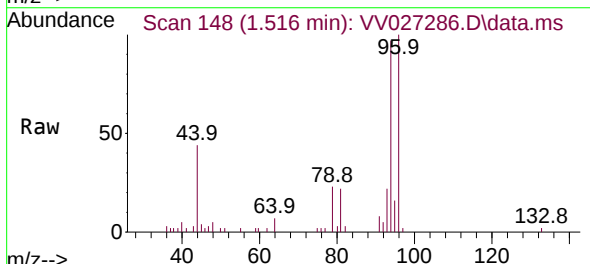


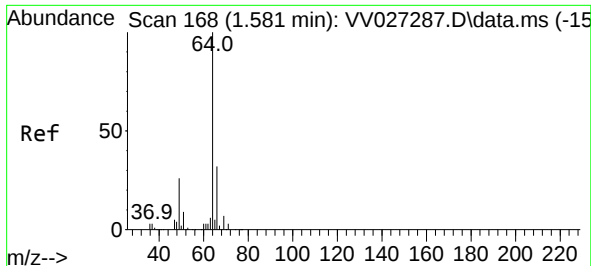
Tgt Ion: 62 Resp: 16039
 Ion Ratio Lower Upper
 62 100
 64 36.4 23.7 44.1



#6
 Bromomethane
 Concen: 1.023 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

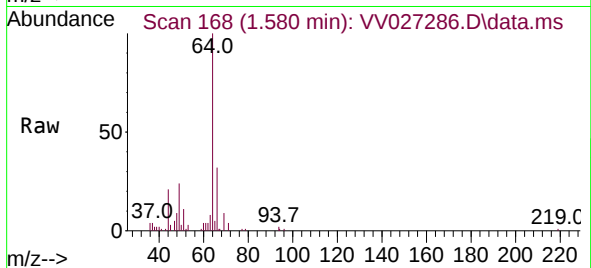
Tgt Ion: 94 Resp: 8271
 Ion Ratio Lower Upper
 94 100
 96 103.0 67.2 124.8



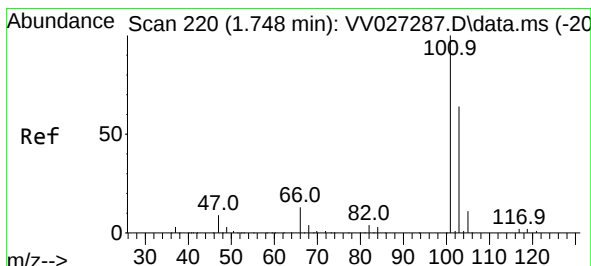
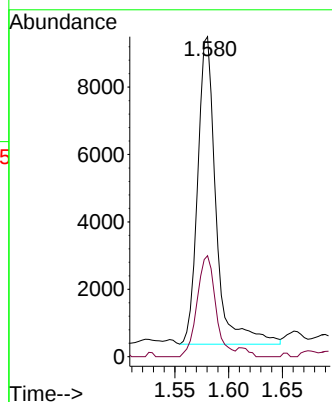
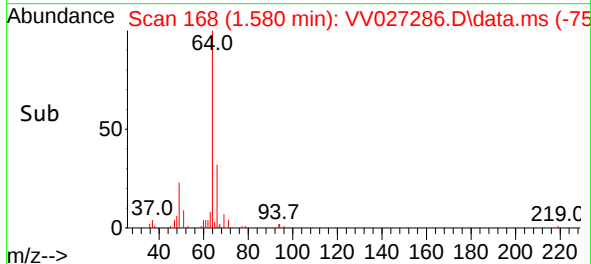


#8
Chloroethane
Concen: 1.131 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

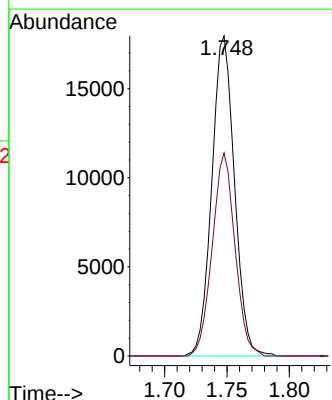
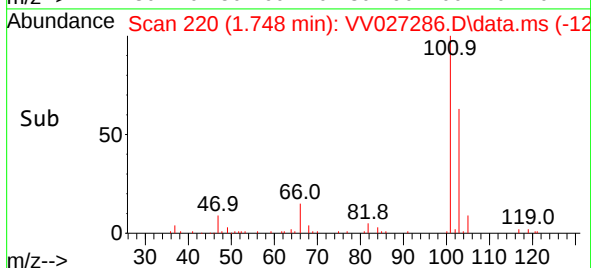
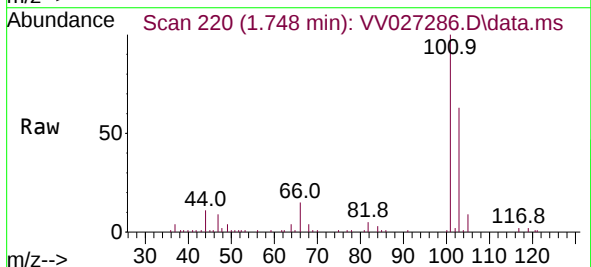


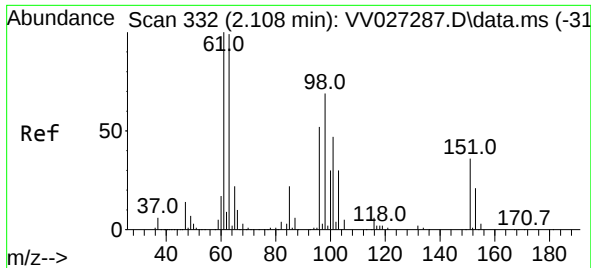
Tgt Ion: 64 Resp: 10887
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.985 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion: 101 Resp: 22772
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

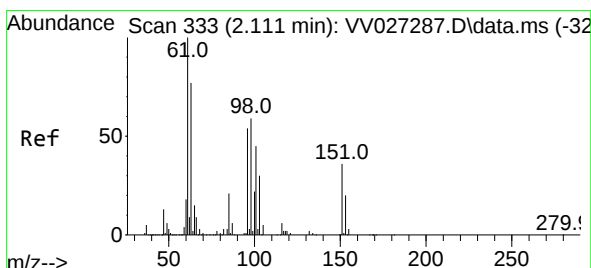
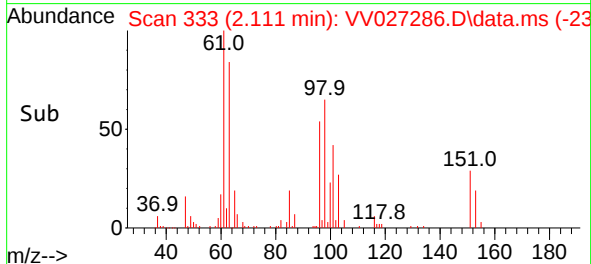
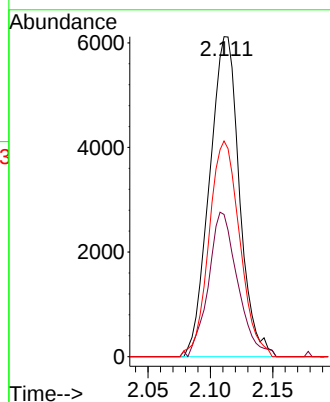
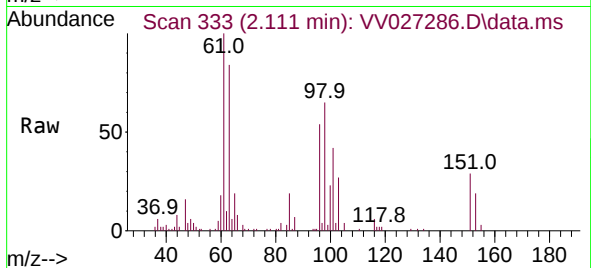




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.942 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

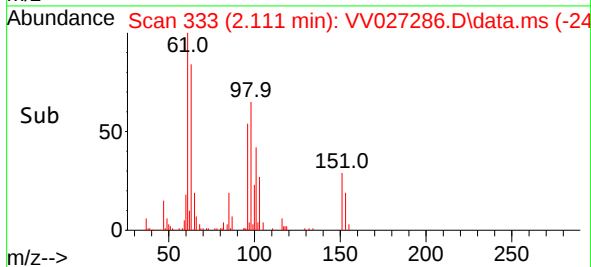
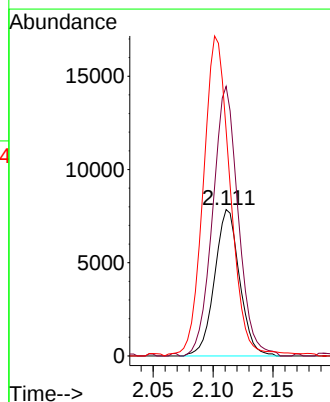
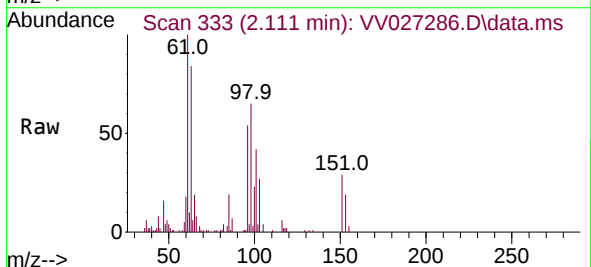
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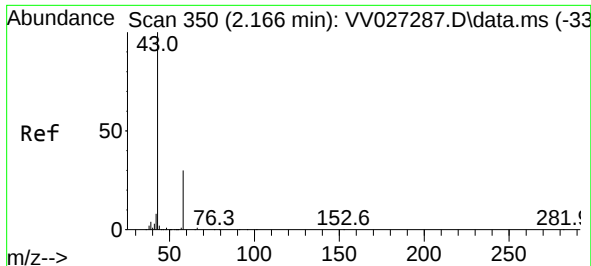
Tgt Ion:101 Resp: 10228
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.2 54.4
 151 69.1 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 1.010 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

Tgt Ion: 96 Resp: 11354
 Ion Ratio Lower Upper
 96 100
 61 184.2 130.7 242.7
 63 154.3 101.4 188.2





#13

Acetone

Concen: 6.320 ug/L

RT: 2.166 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

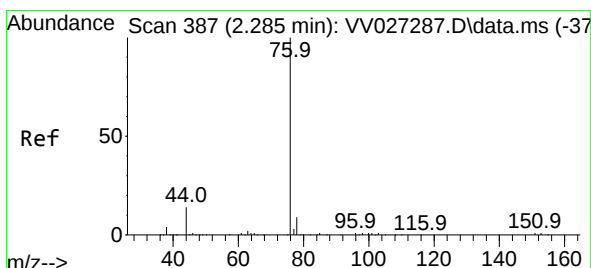
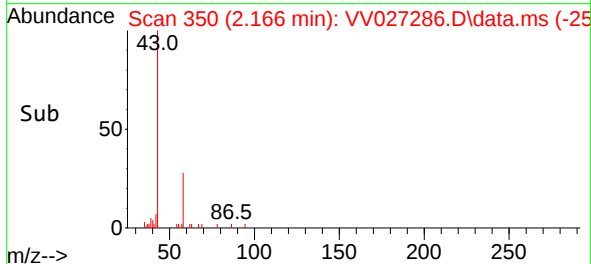
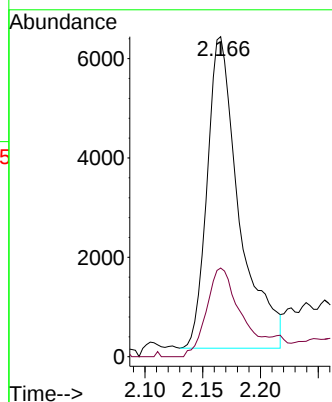
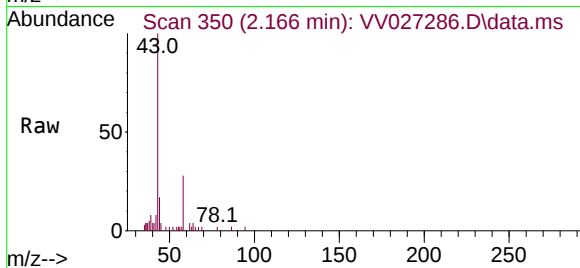
ClientSampleId :

Tgt Ion: 43 Resp: 12100

Ion Ratio Lower Upper

43 100

58 30.8 0.0 1.8#



#14

Carbon disulfide

Concen: 1.012 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027286.D

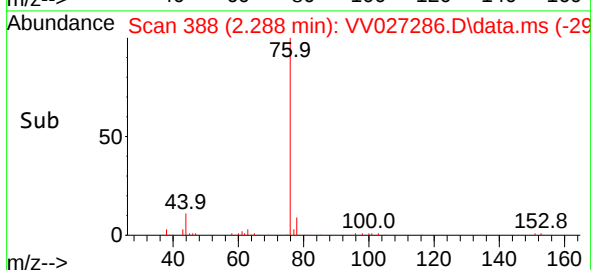
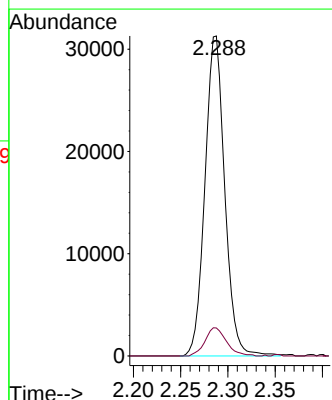
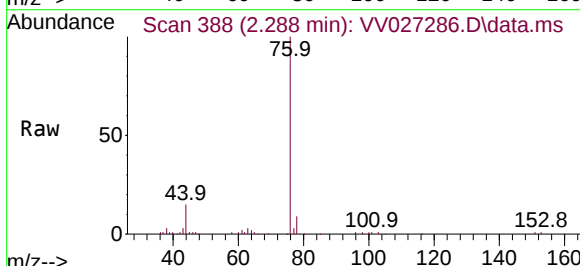
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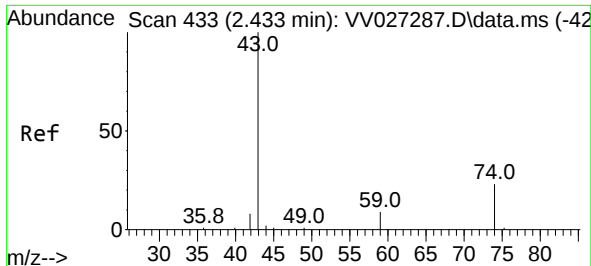
Tgt Ion: 76 Resp: 45575

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

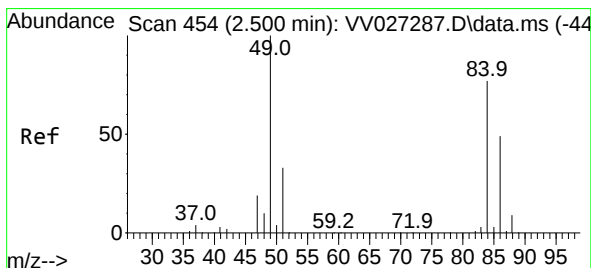
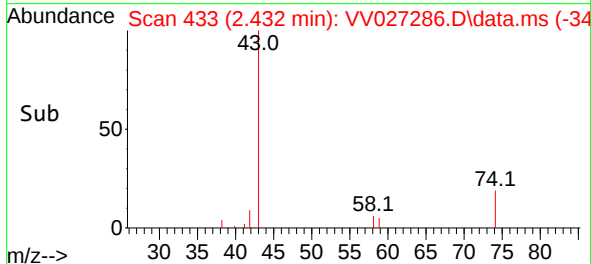
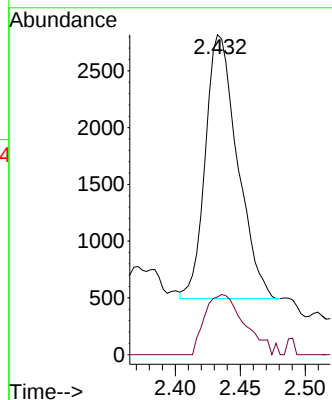
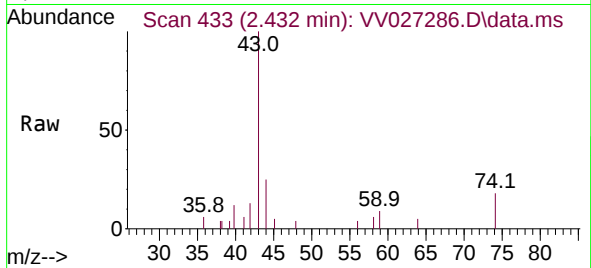




#15
Methyl Acetate
Concen: 0.966 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

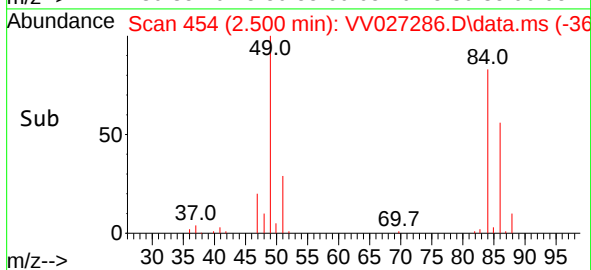
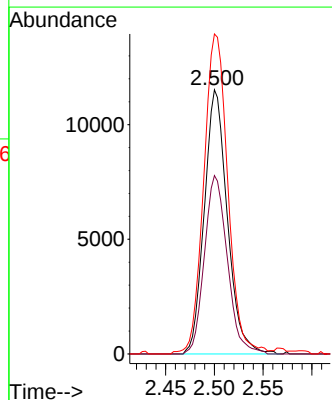
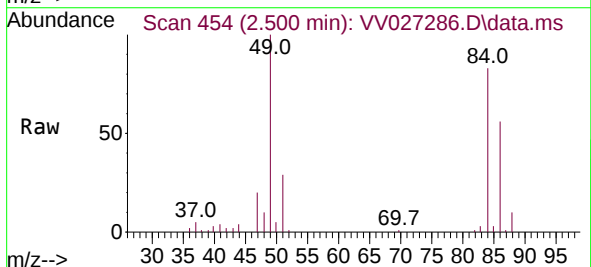
Instrument :
MSVOA_V
ClientSampleId :

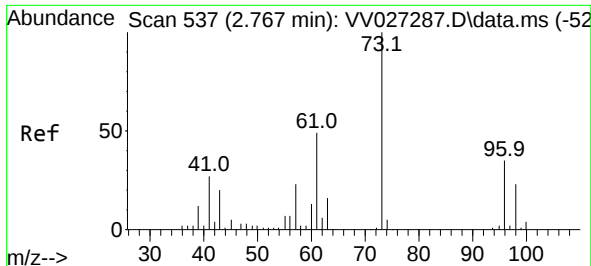
Tgt Ion: 43 Resp: 3994
Ion Ratio Lower Upper
43 100
74 28.5 21.8 32.8



#16
Methylene chloride
Concen: 1.051 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion: 84 Resp: 18978
Ion Ratio Lower Upper
84 100
86 67.5 45.1 83.9
49 121.1 91.2 169.4





#17

Methyl tert-butyl Ether

Concen: 0.978 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

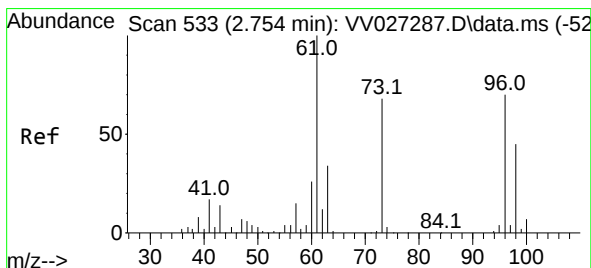
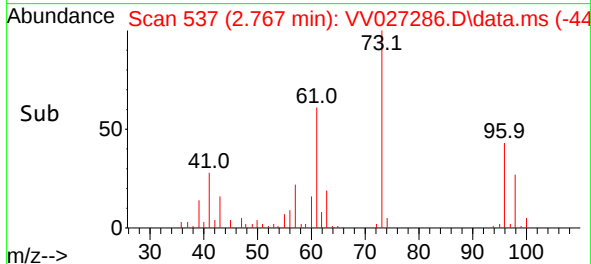
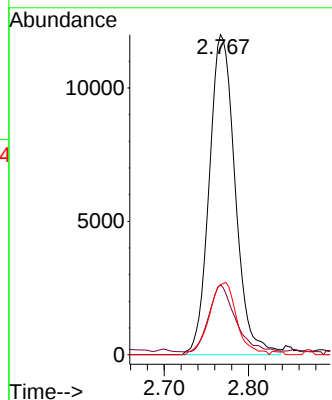
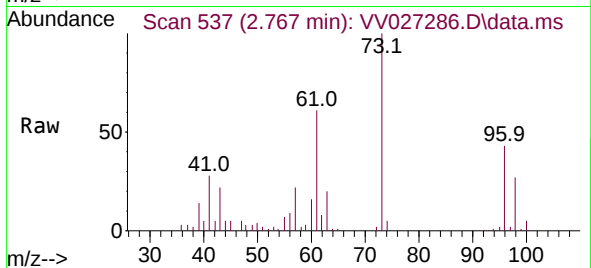
Tgt Ion: 73 Resp: 25673

Ion Ratio Lower Upper

73 100

43 21.3 15.8 23.8

57 23.8 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 1.029 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

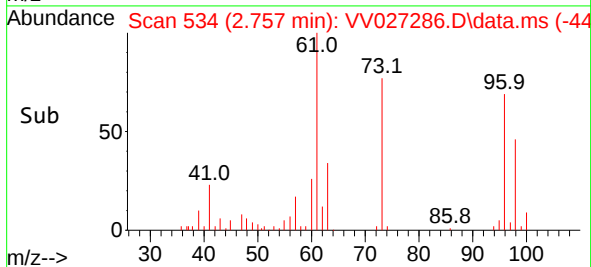
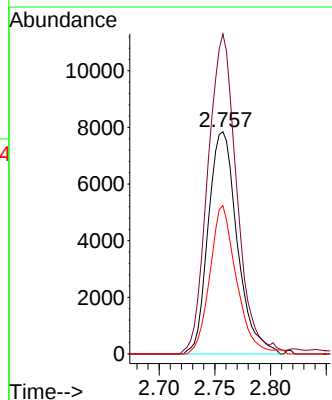
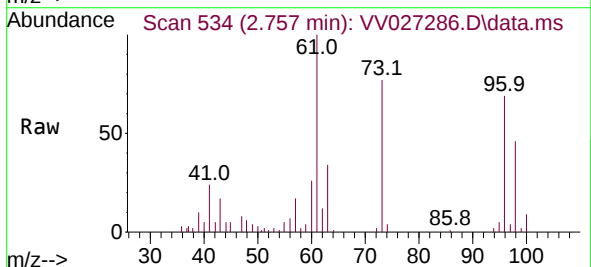
Tgt Ion: 96 Resp: 14238

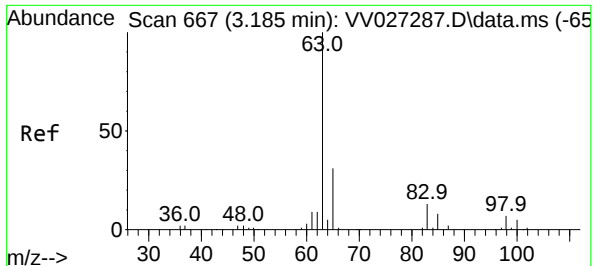
Ion Ratio Lower Upper

96 100

61 143.9 99.6 185.0

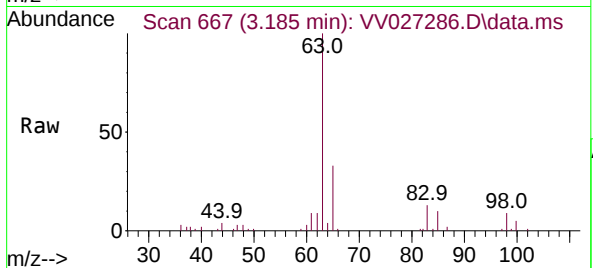
98 66.7 45.1 83.7



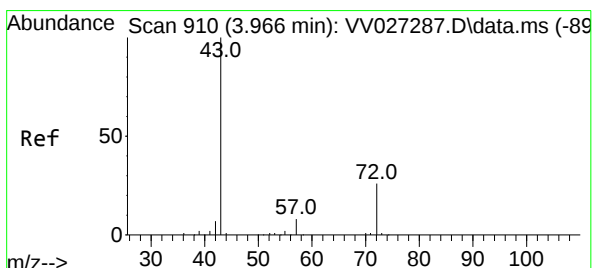
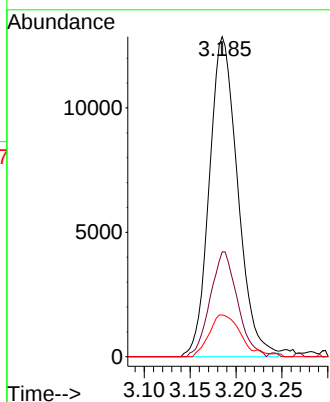
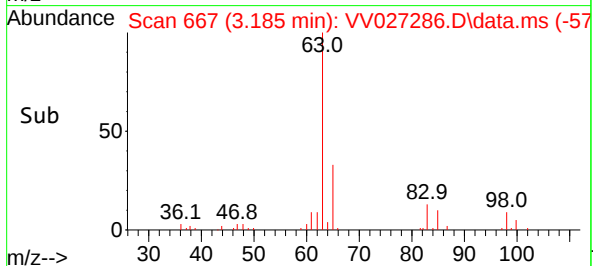


#19
1,1-Dichloroethane
Concen: 1.046 ug/L
RT: 3.185 min Scan# 609
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Instrument :
MSVOA_V
ClientSampleId :

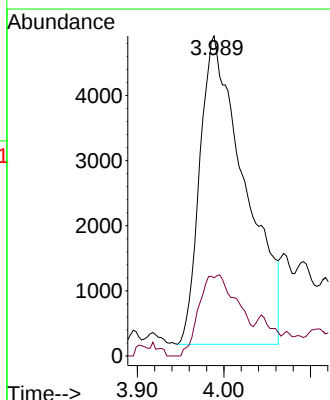
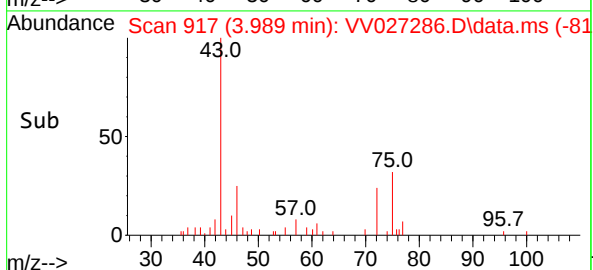
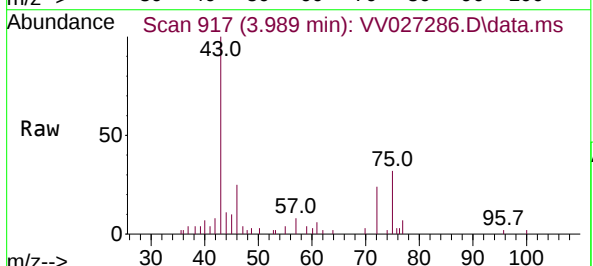


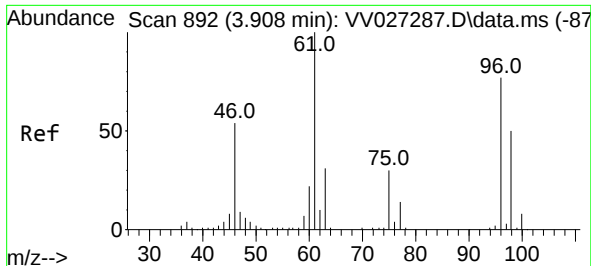
Tgt Ion:	63	Resp:	27700
Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.6	40.2
83	13.1	9.3	17.3



#21
2-Butanone
Concen: 7.860 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.022 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion:	43	Resp:	17085
Ion	Ratio	Lower	Upper
43	100		
72	23.2	12.9	38.6





#22

cis-1,2-Dichloroethene

Concen: 0.954 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

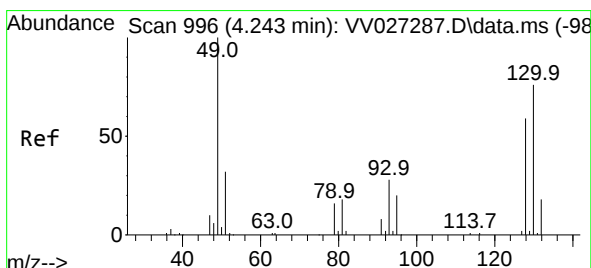
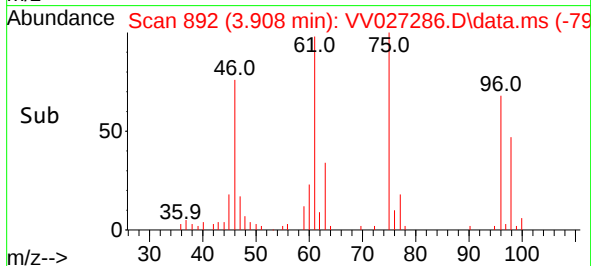
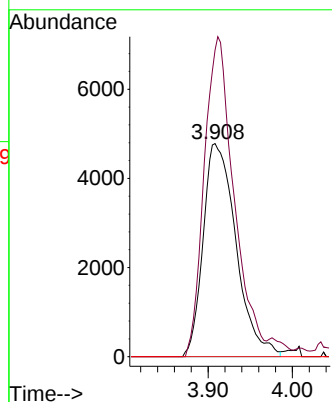
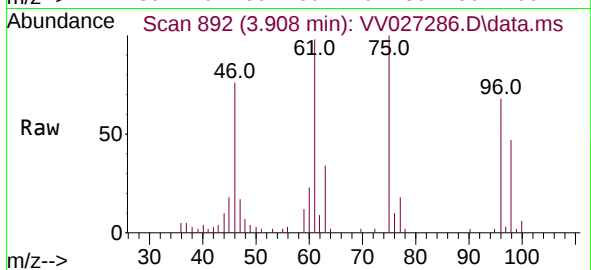
Tgt Ion: 96 Resp: 12974

Ion Ratio Lower Upper

96 100

61 143.9 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 1.003 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Tgt Ion: 128 Resp: 6377

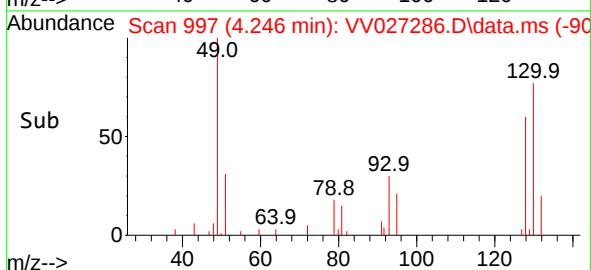
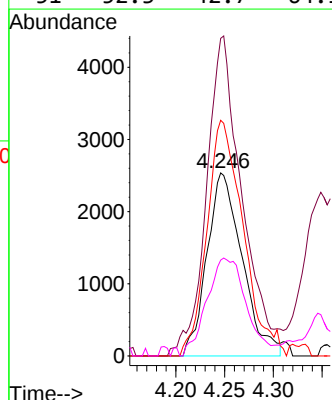
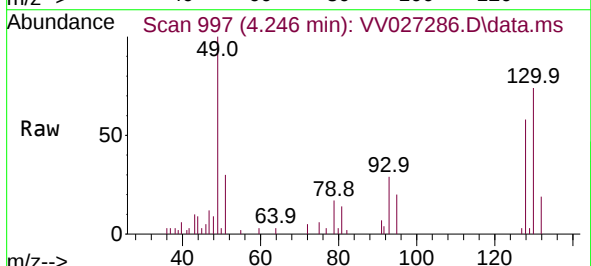
Ion Ratio Lower Upper

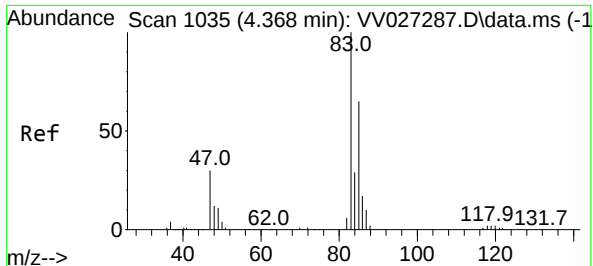
128 100

49 173.5 118.5 220.1

130 128.8 90.3 167.7

51 52.3 42.7 64.1





#25

Chloroform

Concen: 1.087 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

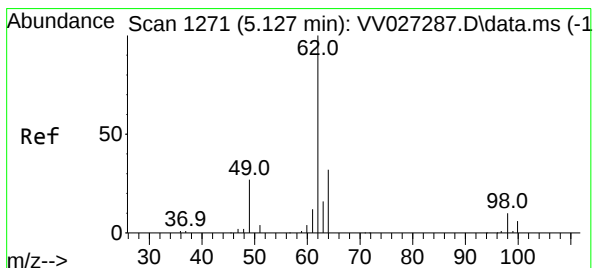
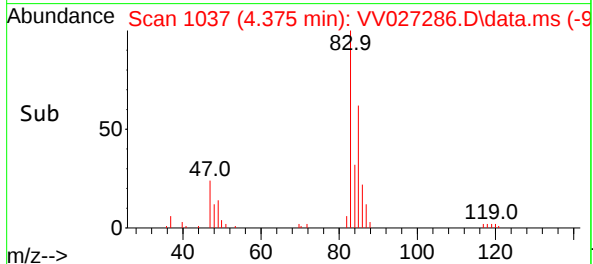
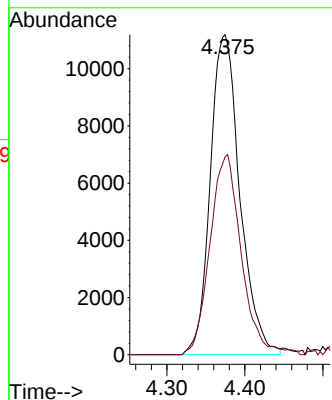
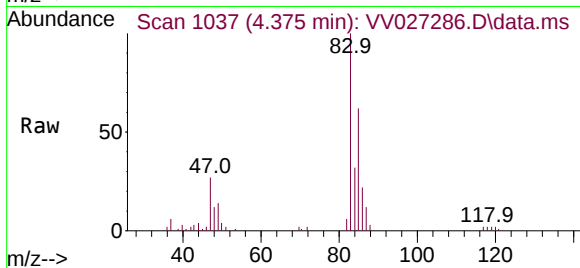
ClientSampleId :

Tgt Ion: 83 Resp: 29582

Ion Ratio Lower Upper

83 100

85 61.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 1.096 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.009 min

Lab File: VV027286.D

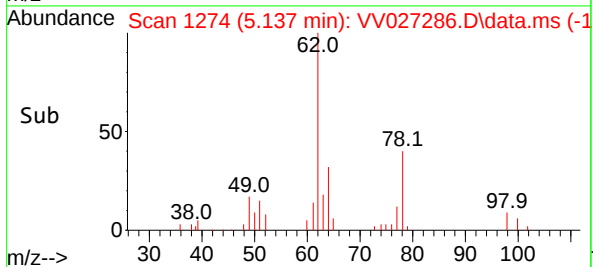
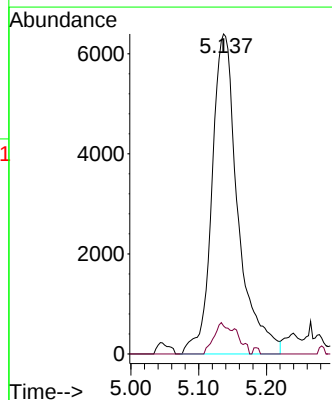
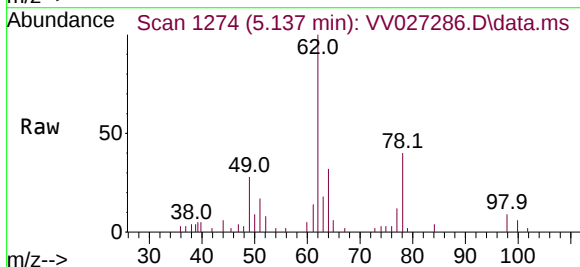
Acq: 11 Aug 2022 17:56

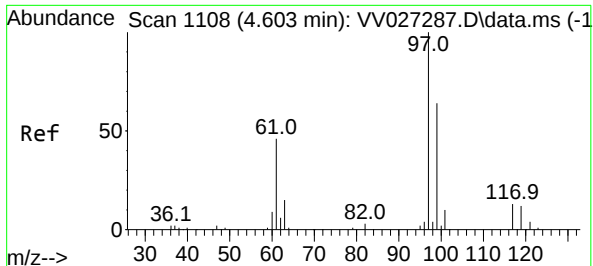
Tgt Ion: 62 Resp: 17037

Ion Ratio Lower Upper

62 100

98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.970 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

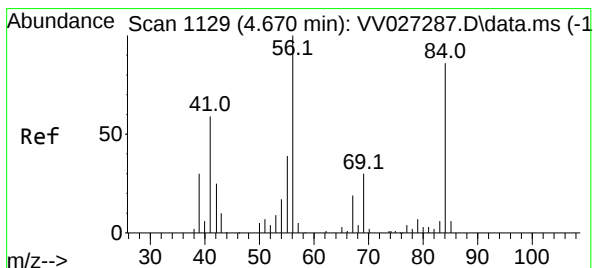
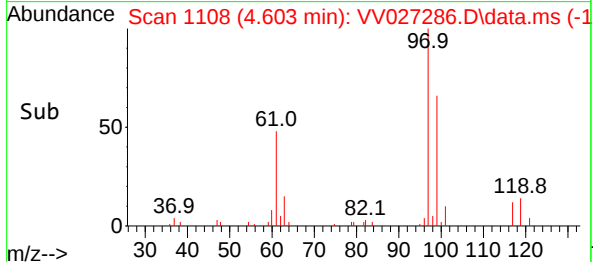
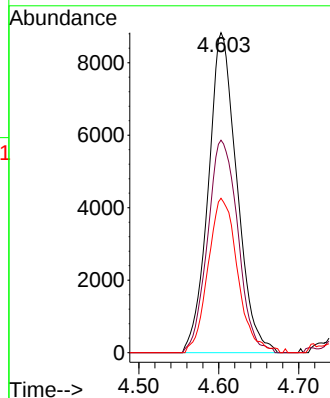
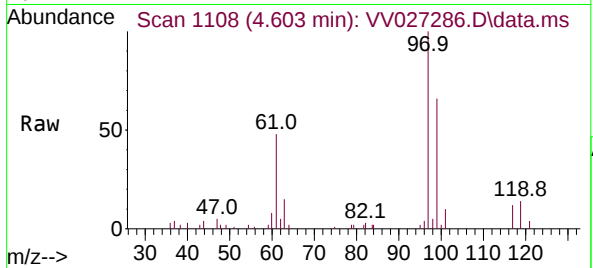
Tgt Ion: 97 Resp: 21938

Ion Ratio Lower Upper

97 100

99 70.1 50.8 76.2

61 50.0 36.5 54.7



#30

Cyclohexane

Concen: 0.766 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

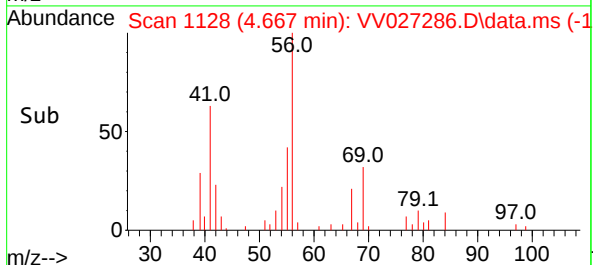
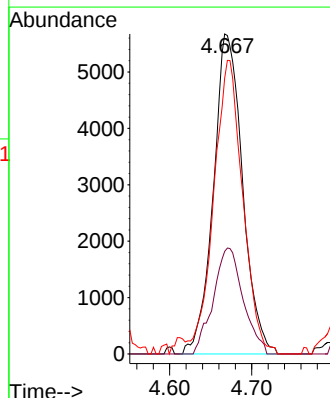
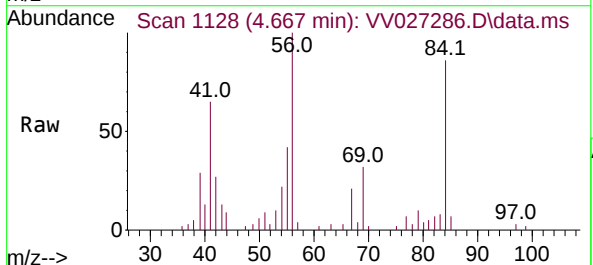
Tgt Ion: 56 Resp: 14033

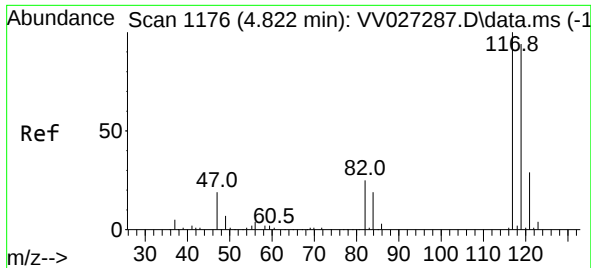
Ion Ratio Lower Upper

56 100

69 33.9 24.0 36.0

84 90.6 69.1 103.7

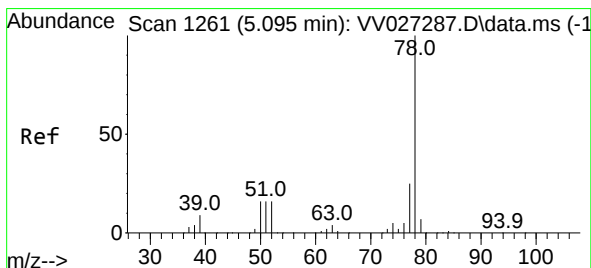
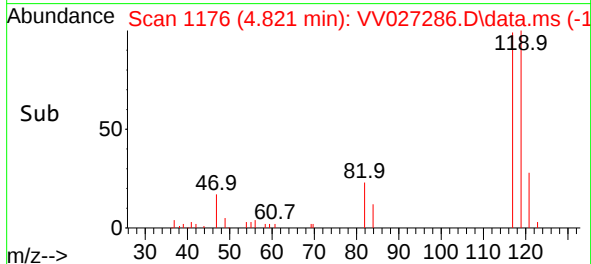
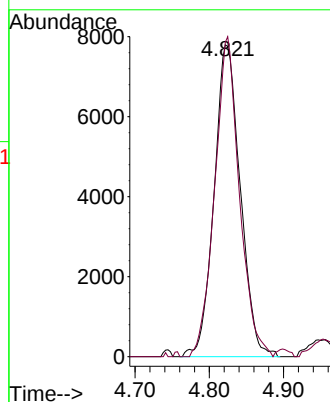
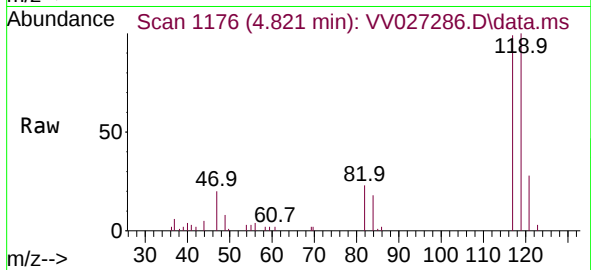




#31
Carbon tetrachloride
Concen: 0.971 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

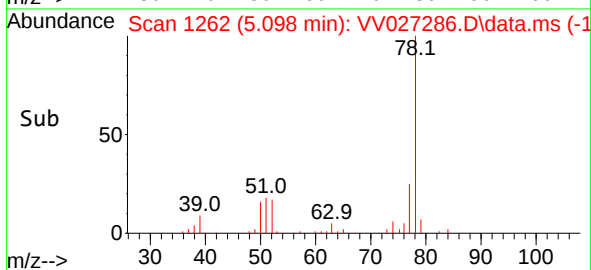
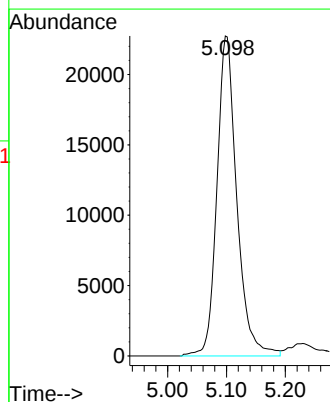
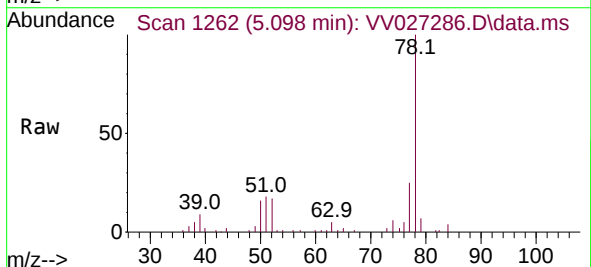
Instrument :
MSVOA_V
ClientSampleId :

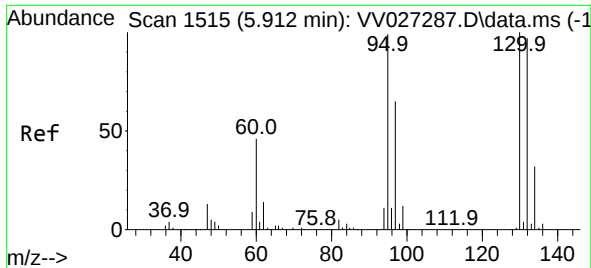
Tgt Ion:117 Resp: 19110
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0



#33
Benzene
Concen: 0.973 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion: 78 Resp: 53426

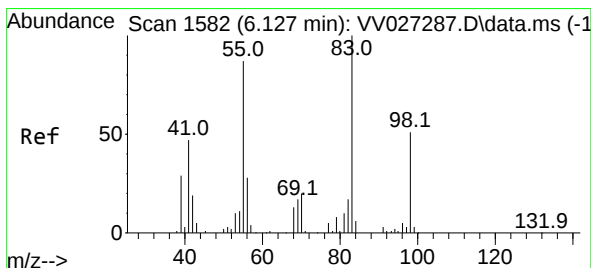
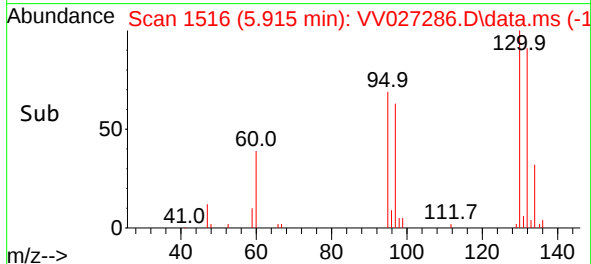
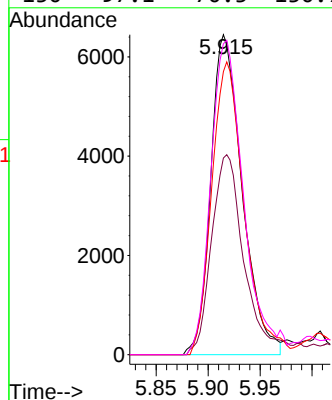
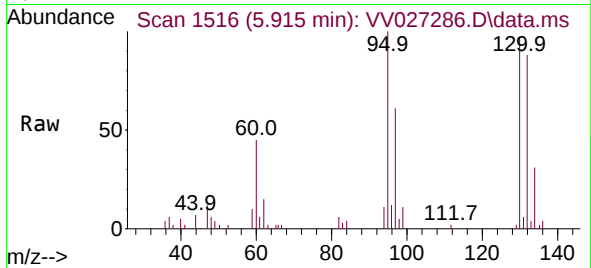




#34
Trichloroethene
Concen: 0.989 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

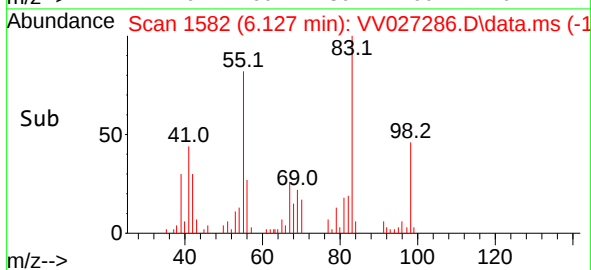
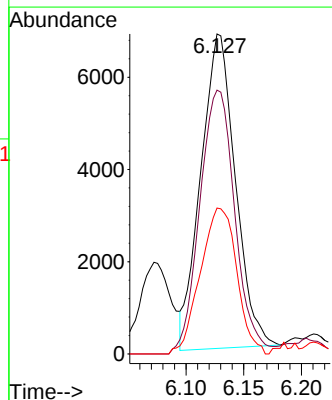
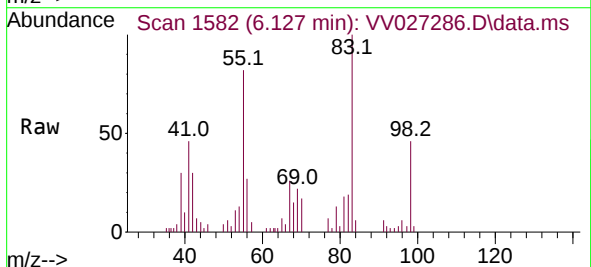
Instrument :
MSVOA_V
ClientSampleId :

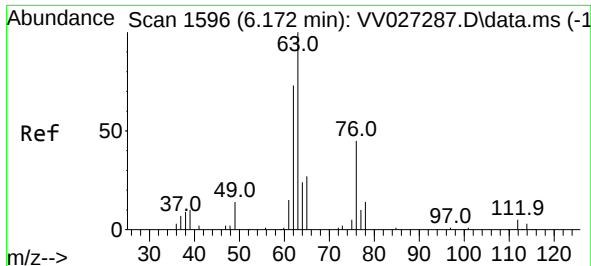
Tgt Ion: 95 Resp: 13522
Ion Ratio Lower Upper
95 100
97 61.5 45.5 84.5
132 88.4 68.2 126.6
130 97.1 70.3 130.7



#35
Methylcyclohexane
Concen: 0.754 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion: 83 Resp: 14192
Ion Ratio Lower Upper
83 100
55 85.3 67.0 100.6
98 48.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 0.946 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

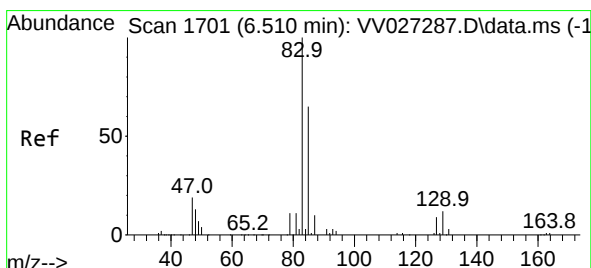
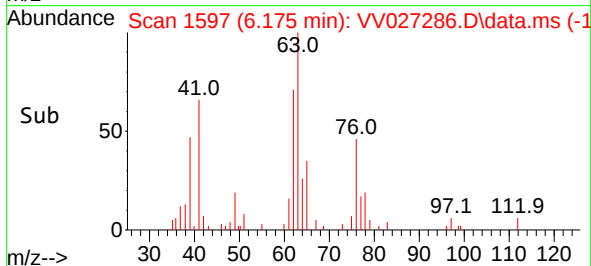
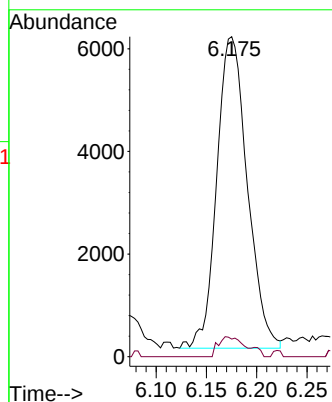
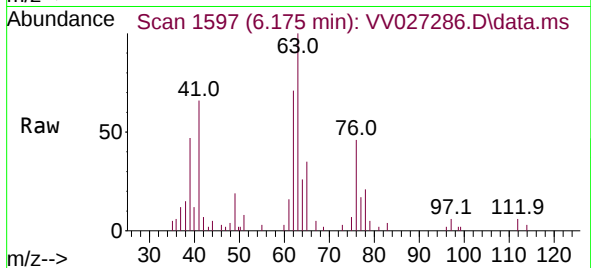
ClientSampleId :

Tgt Ion: 63 Resp: 12851

Ion Ratio Lower Upper

63 100

112 5.1 4.0 6.0



#38

Bromodichloromethane

Concen: 1.022 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

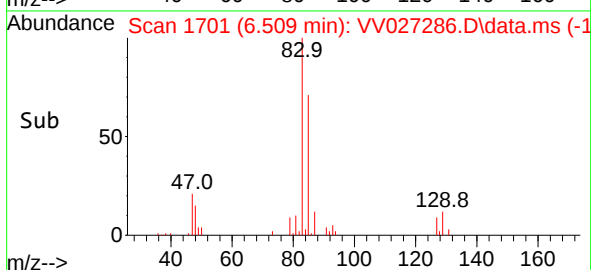
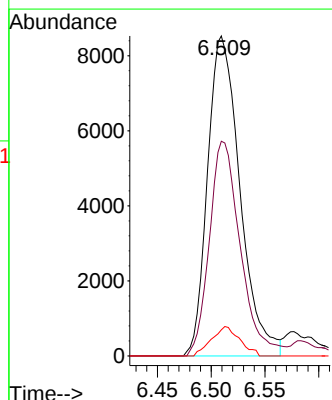
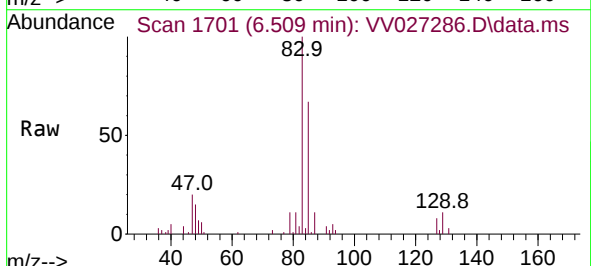
Tgt Ion: 83 Resp: 17884

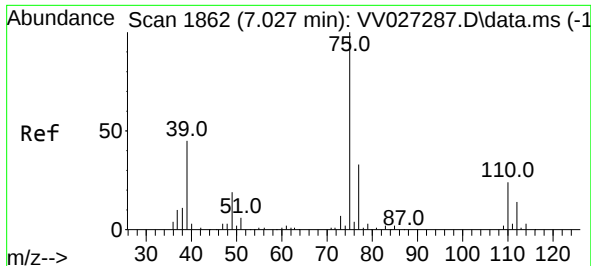
Ion Ratio Lower Upper

83 100

85 67.1 45.4 84.4

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.856 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

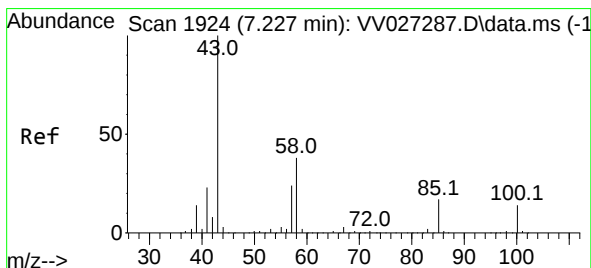
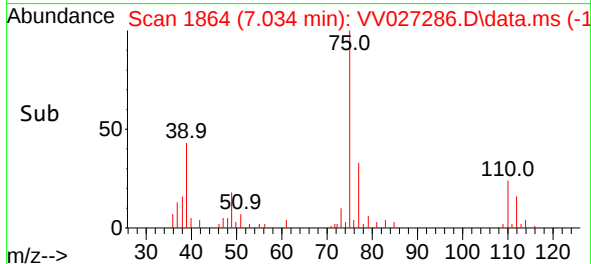
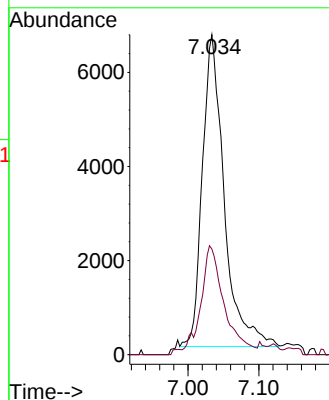
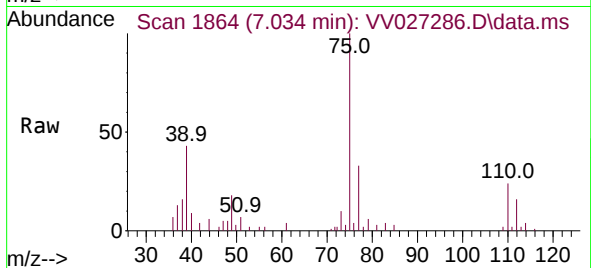
ClientSampleId :

Tgt Ion: 75 Resp: 14201

Ion Ratio Lower Upper

75 100

77 33.0 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 9.100 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

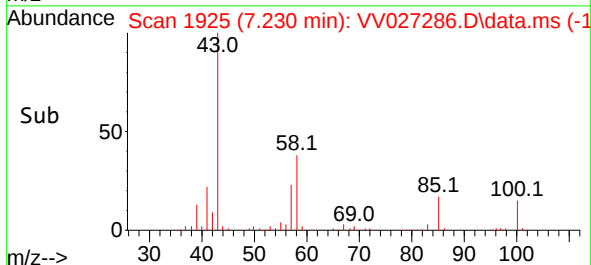
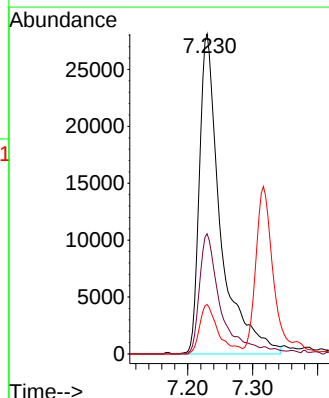
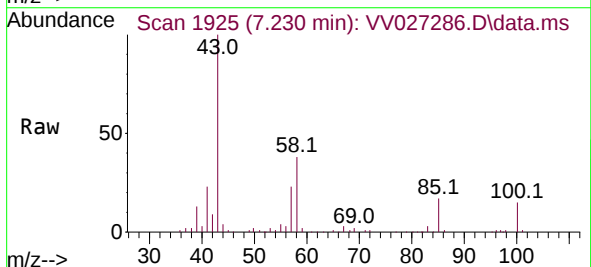
Tgt Ion: 43 Resp: 63766

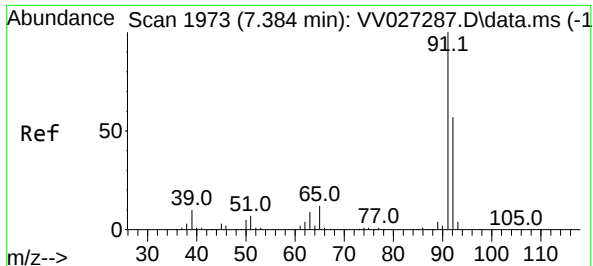
Ion Ratio Lower Upper

43 100

58 36.6 31.0 46.4

100 13.9 10.9 16.3

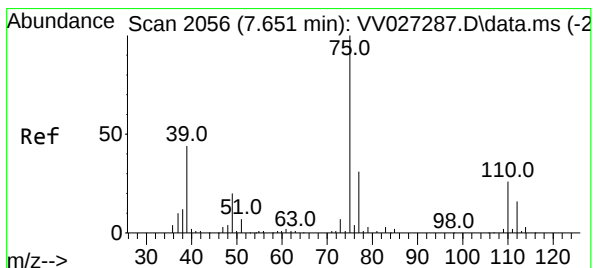
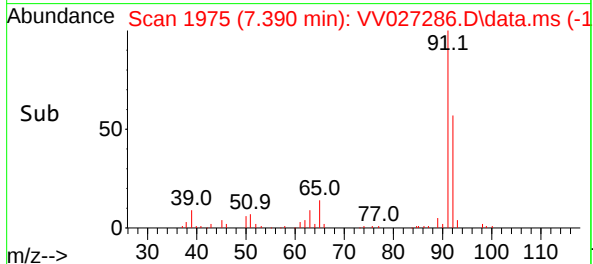
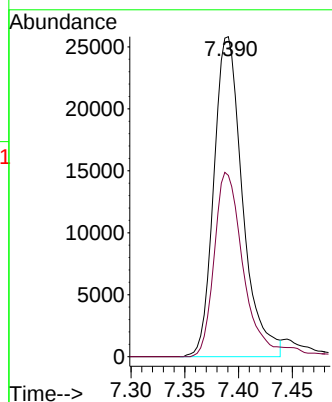
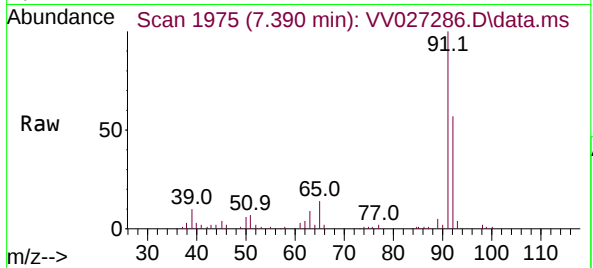




#42
Toluene
Concen: 0.874 ug/L
RT: 7.390 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

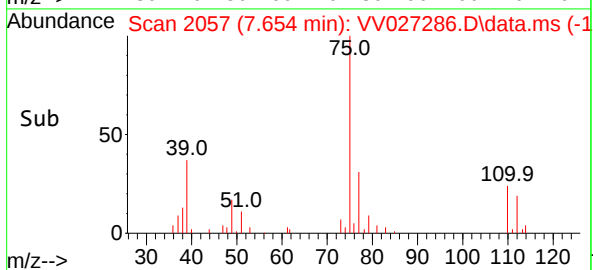
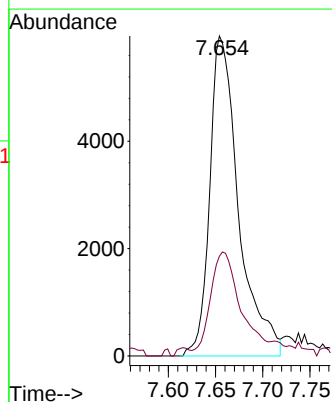
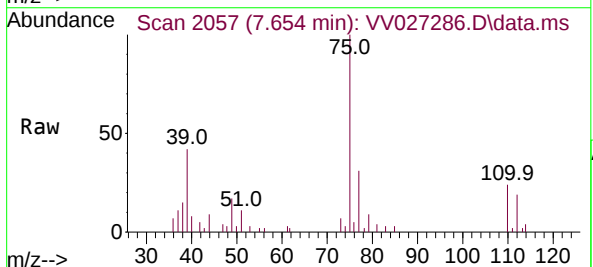
Instrument :
MSVOA_V
ClientSampleId :

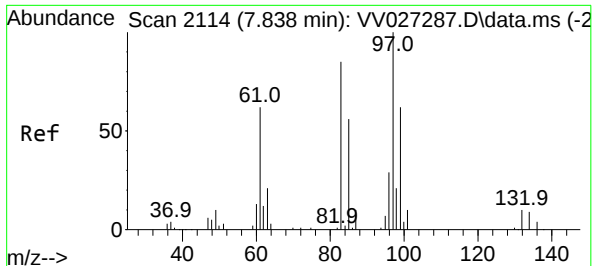
Tgt Ion: 91 Resp: 47907
Ion Ratio Lower Upper
91 100
92 56.7 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 0.873 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion: 75 Resp: 12678
Ion Ratio Lower Upper
75 100
77 31.1 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 1.020 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 9872

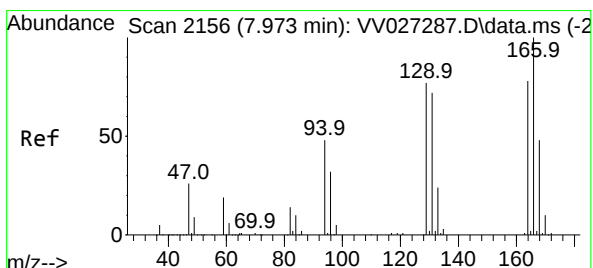
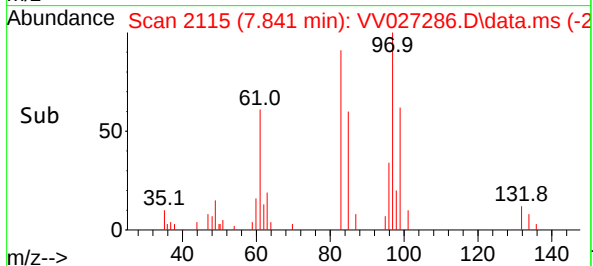
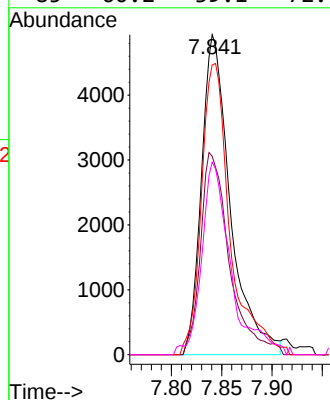
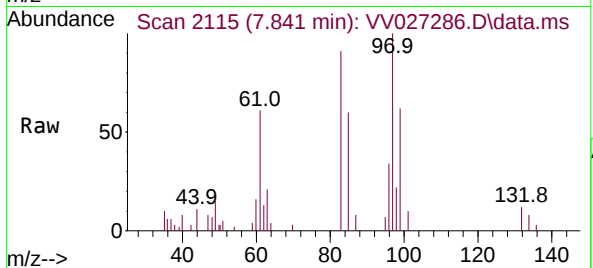
Ion Ratio Lower Upper

97 100

99 62.0 43.7 81.1

83 90.6 59.8 111.0

85 60.2 39.1 72.7



#47

Tetrachloroethene

Concen: 0.943 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Tgt Ion:164 Resp: 10127

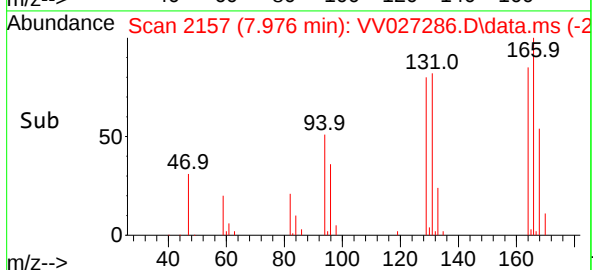
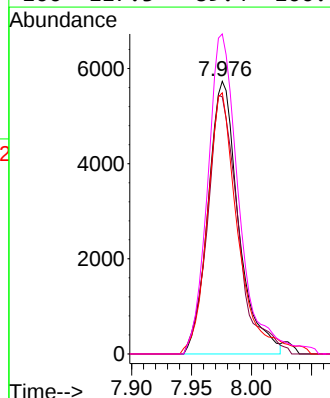
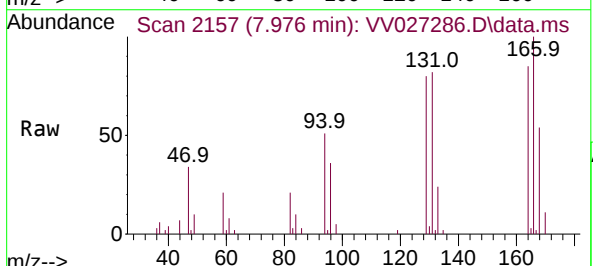
Ion Ratio Lower Upper

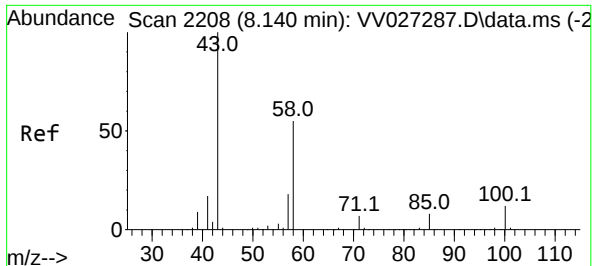
164 100

129 94.3 69.0 128.1

131 95.8 64.7 120.1

166 117.3 89.4 166.0

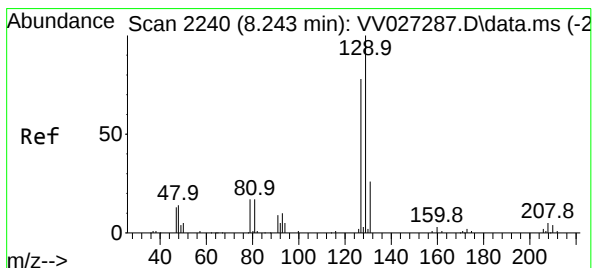
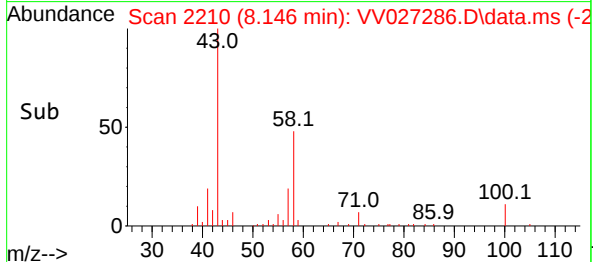
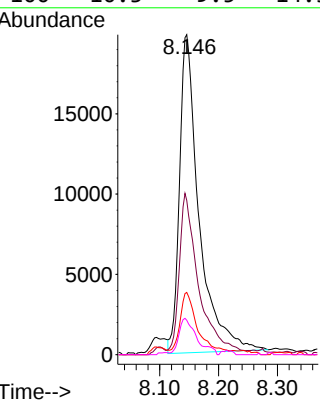
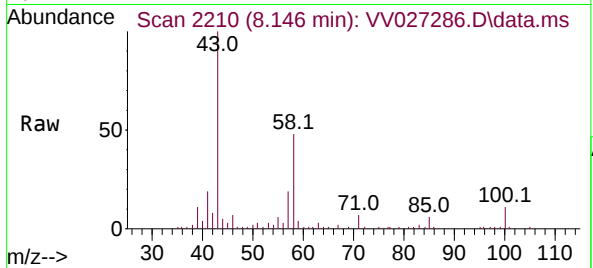




#48
2-Hexanone
Concen: 9.280 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

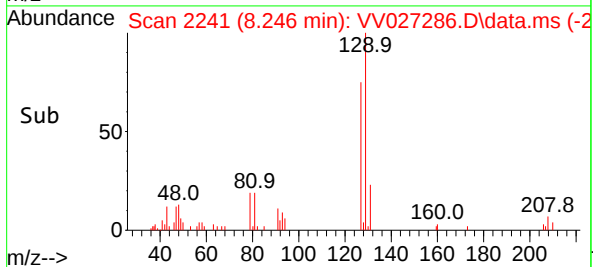
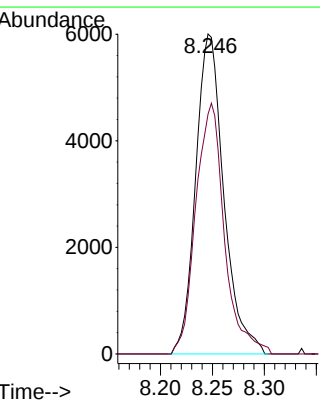
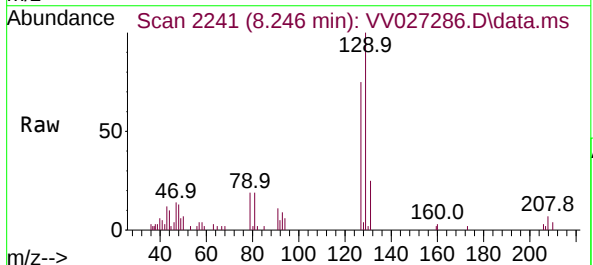
Instrument :
MSVOA_V
ClientSampleId :

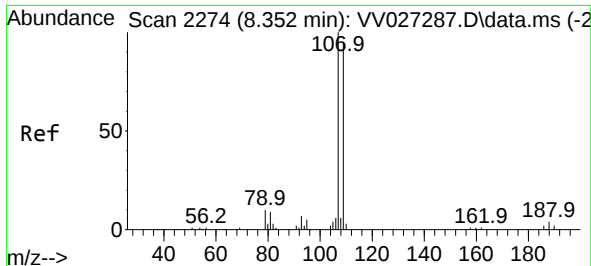
Tgt Ion: 43	Resp: 45791
Ion Ratio	Lower Upper
43 100	
58 48.0	42.8 64.2
57 16.1	15.2 22.8
100 10.3	9.5 14.3



#49
Dibromochloromethane
Concen: 0.999 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion:129	Resp:	11316	
Ion	Ratio	Lower	Upper
129	100		
127	75.0	54.5	101.3





#50

1,2-Dibromoethane

Concen: 0.918 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

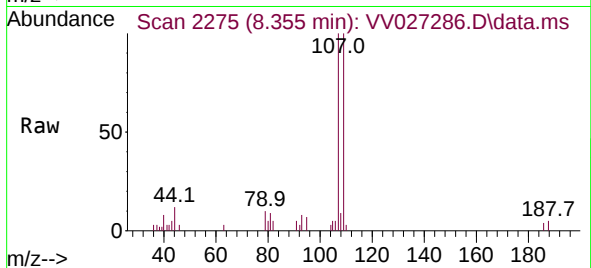
Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

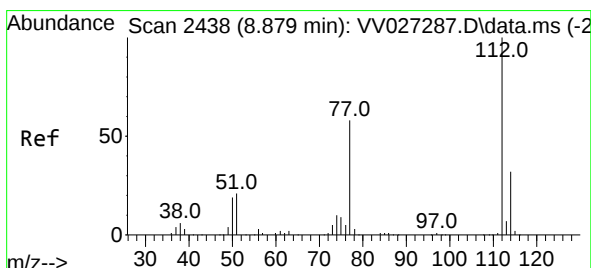
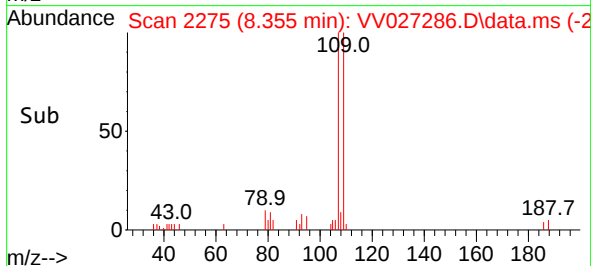
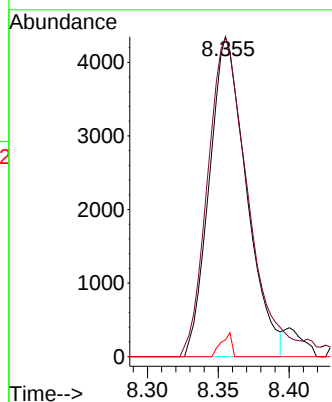
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	7904
Ion	Ratio	Lower	Upper
107	100		
109	99.8	66.1	122.8
188	5.3	3.4	5.2#



#51

Chlorobenzene

Concen: 0.976 ug/L

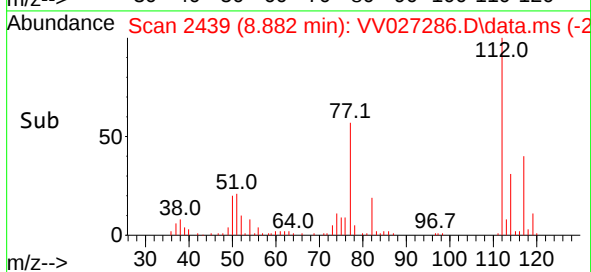
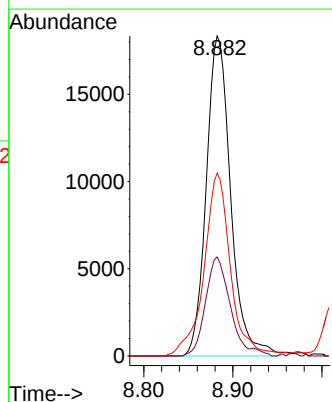
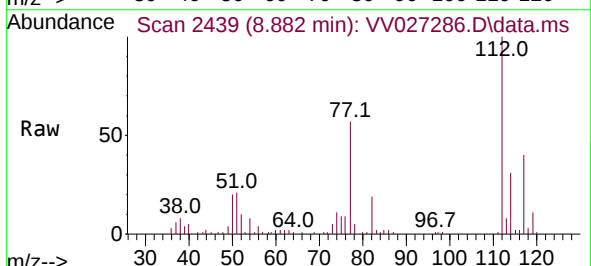
RT: 8.882 min Scan# 2439

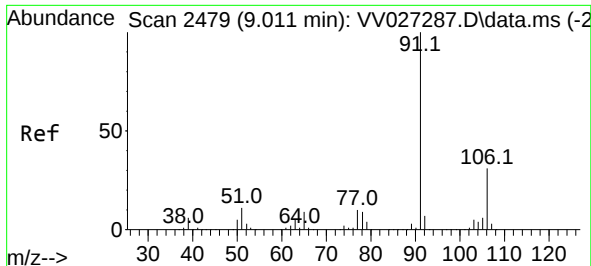
Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Tgt Ion:	112	Resp:	34855
Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.5	41.9
77	57.1	46.4	69.6

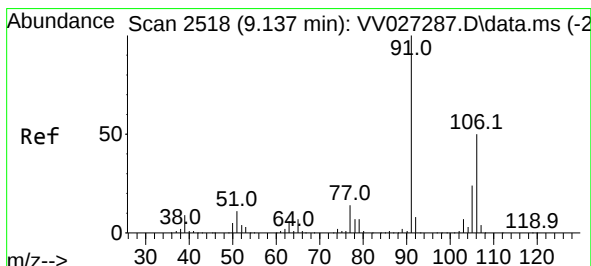
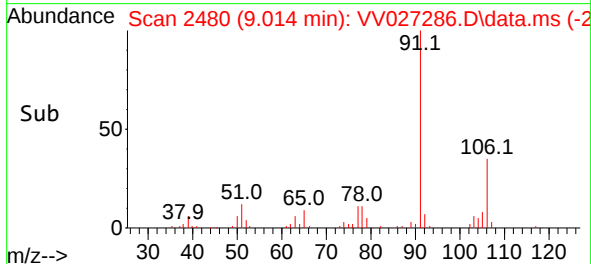
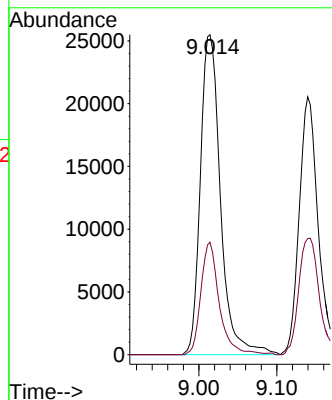
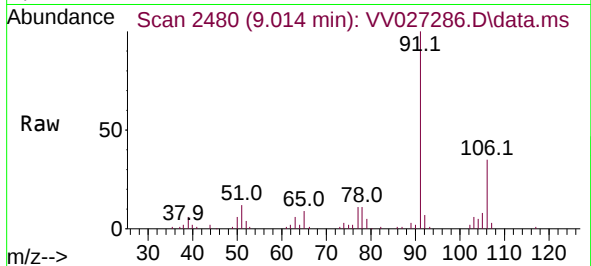




#52
Ethylbenzene
Concen: 0.831 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

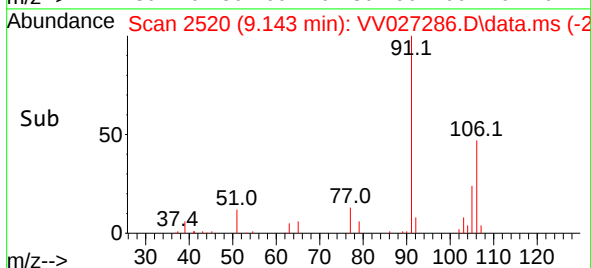
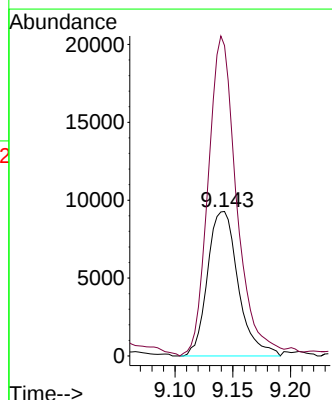
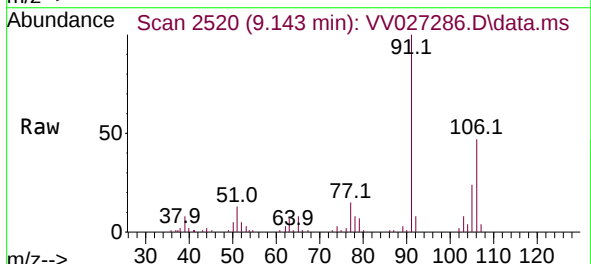
Instrument :
MSVOA_V
ClientSampleId :

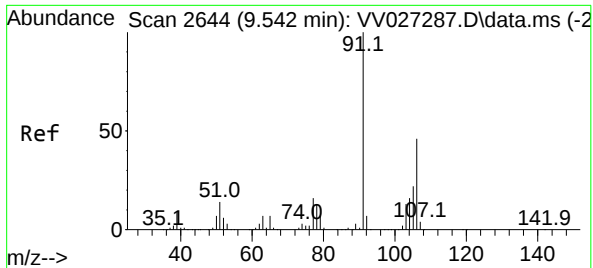
Tgt Ion: 91 Resp: 45742
Ion Ratio Lower Upper
91 100
106 35.1 21.5 39.9



#53
m,p-Xylene
Concen: 0.816 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion: 106 Resp: 17143
Ion Ratio Lower Upper
106 100
91 214.8 141.5 262.9

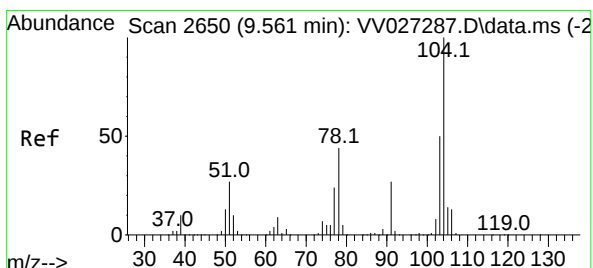
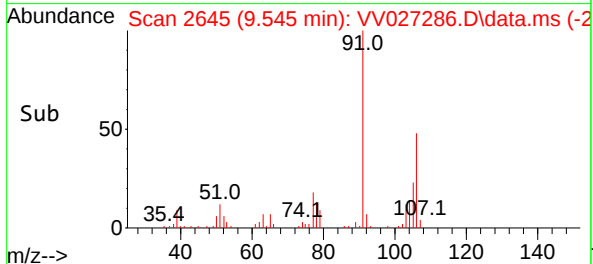
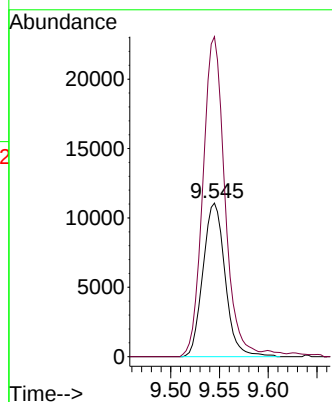
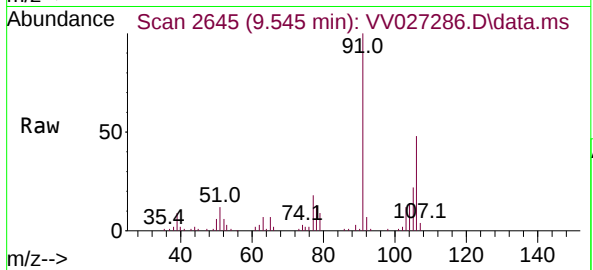




#54
o-Xylene
Concen: 0.853 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

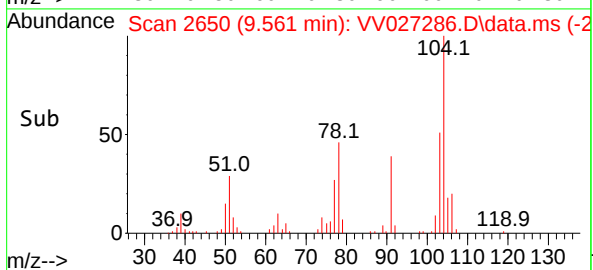
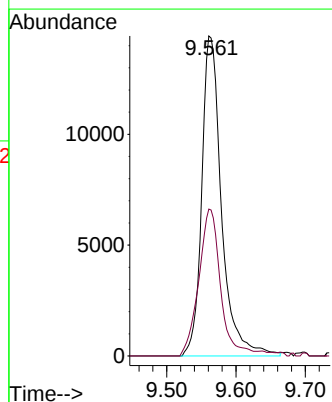
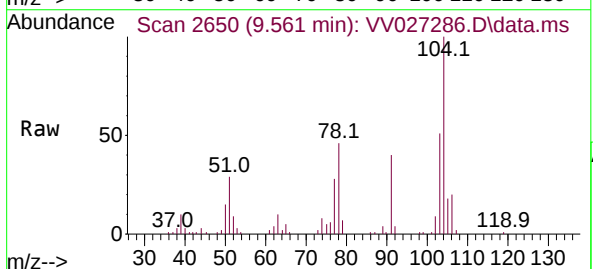
Instrument :
MSVOA_V
ClientSampleId :

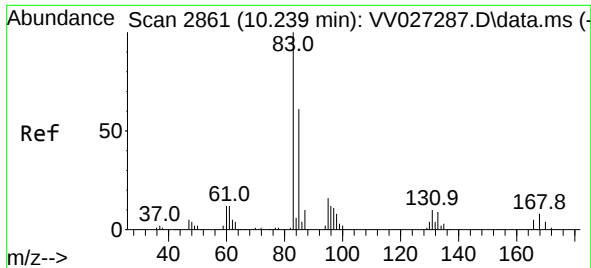
Tgt Ion:106 Resp: 17531
Ion Ratio Lower Upper
106 100
91 208.4 153.2 284.4



#55
Styrene
Concen: 0.810 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion:104 Resp: 28613
Ion Ratio Lower Upper
104 100
78 45.9 30.7 57.1

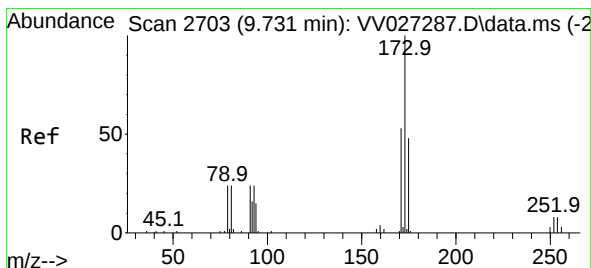
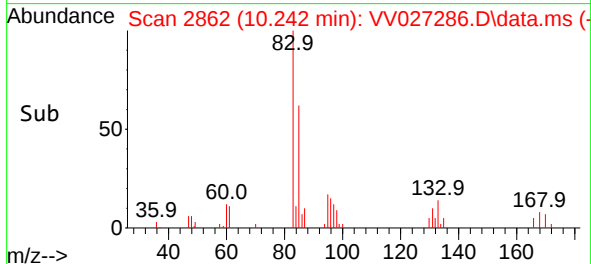
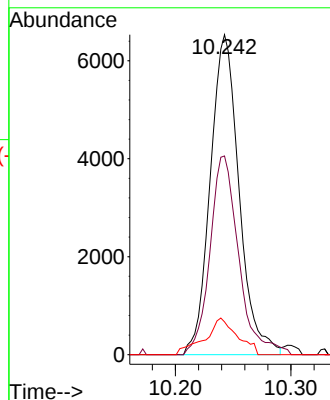
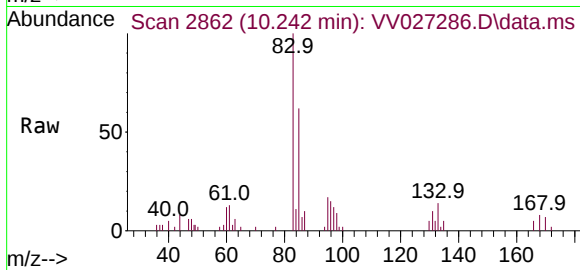




#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.049 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. 0.003 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

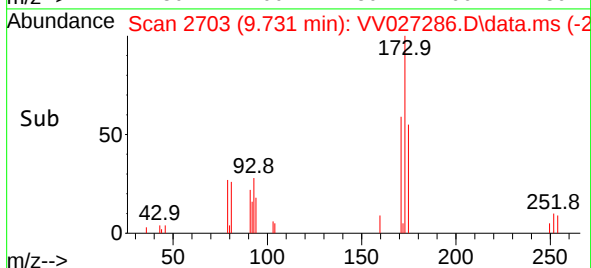
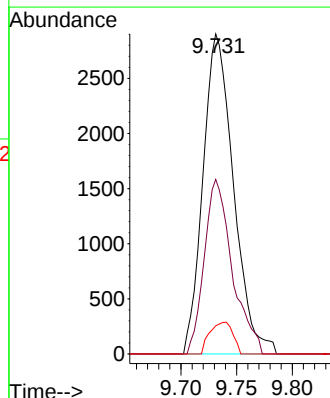
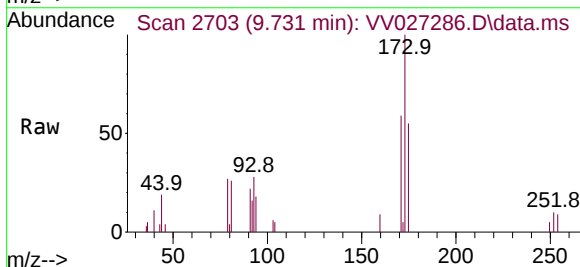
Instrument :
 MSVOA_V
 ClientSampleId :

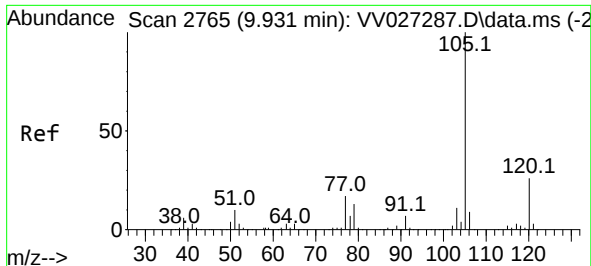
Tgt Ion: 83 Resp: 11317
 Ion Ratio Lower Upper
 83 100
 85 62.1 43.3 80.3
 131 10.3 7.7 11.5



#59
 Bromoform
 Concen: 1.106 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

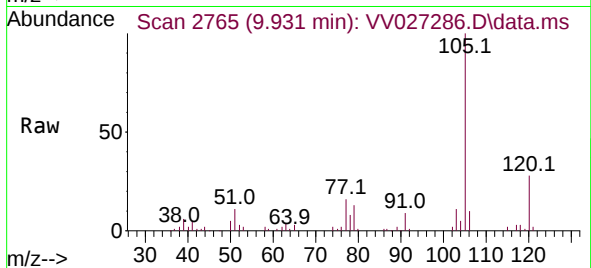
Tgt Ion: 173 Resp: 5532
 Ion Ratio Lower Upper
 173 100
 175 49.9 38.2 57.2
 254 7.5 6.5 9.7



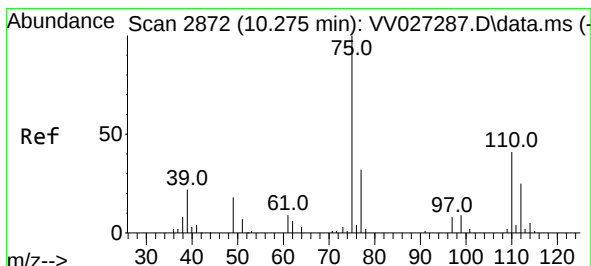
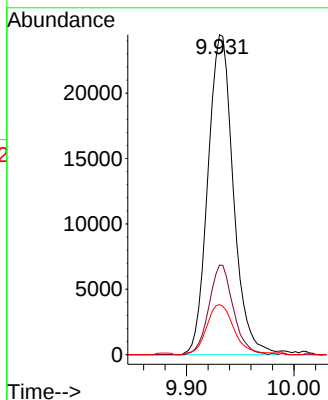
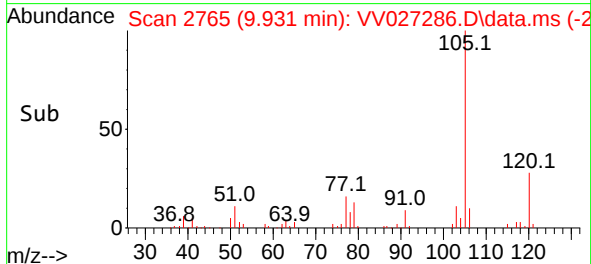


#60
Isopropylbenzene
Concen: 0.863 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

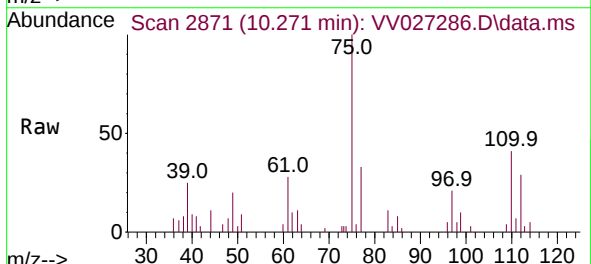
Instrument :
MSVOA_V
ClientSampleId :



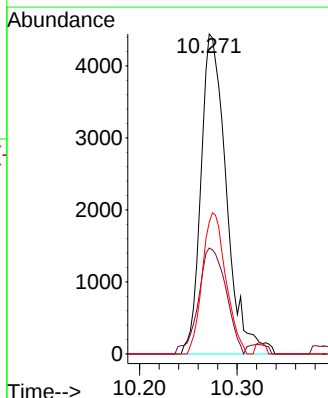
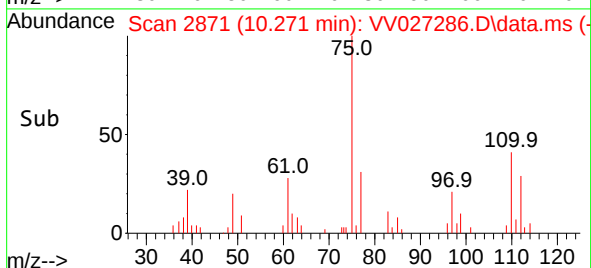
Tgt Ion:105 Resp: 40313
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 17.0 13.2 19.8

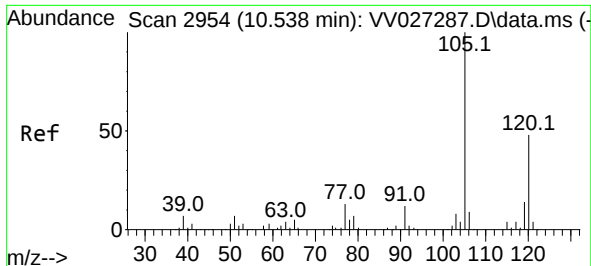


#61
1,2,3-Trichloropropane
Concen: 1.128 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56



Tgt Ion: 75 Resp: 8055
Ion Ratio Lower Upper
75 100
77 35.8 26.6 39.8
110 40.7 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 0.936 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

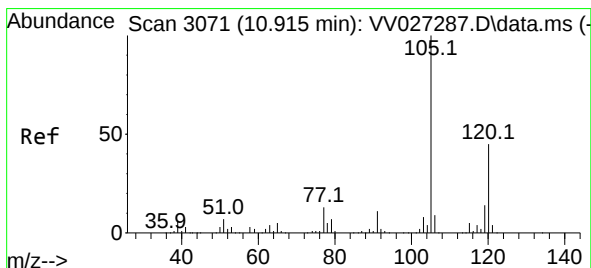
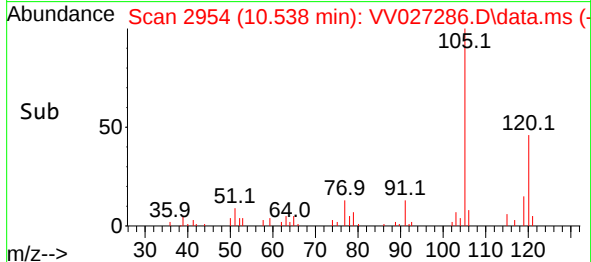
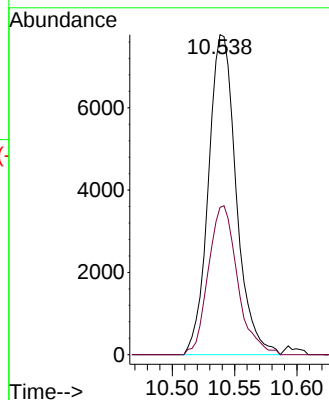
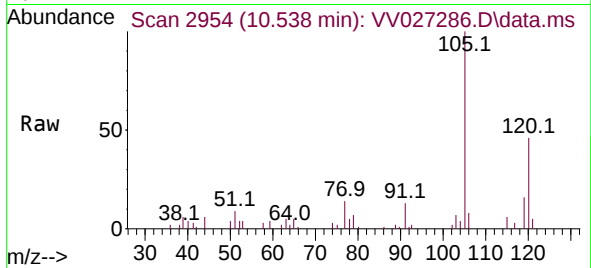
ClientSampleId :

Tgt Ion:105 Resp: 12090

Ion Ratio Lower Upper

105 100

120 48.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.851 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV027286.D

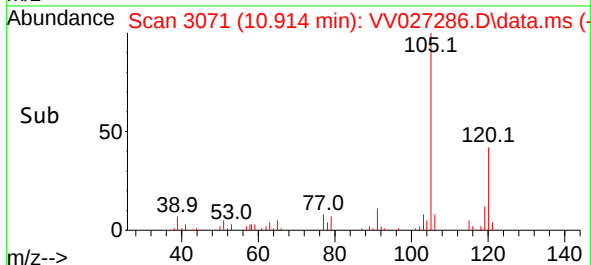
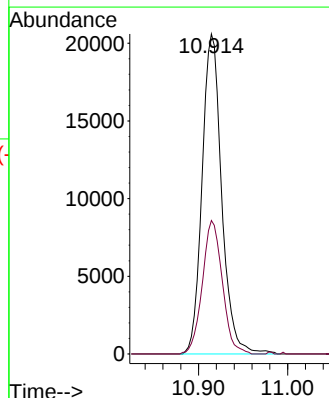
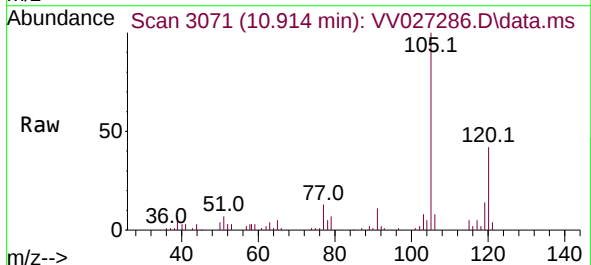
Acq: 11 Aug 2022 17:56

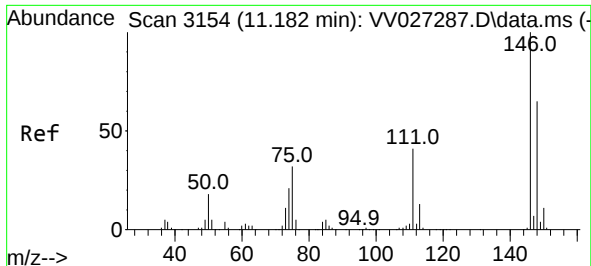
Tgt Ion:105 Resp: 31488

Ion Ratio Lower Upper

105 100

120 42.5 36.2 54.2

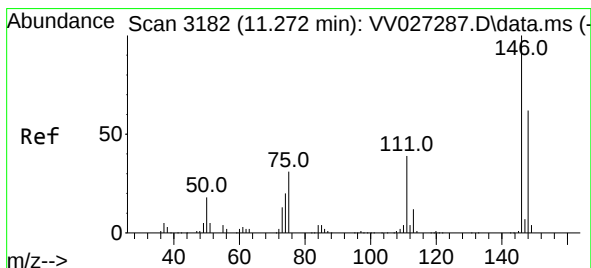
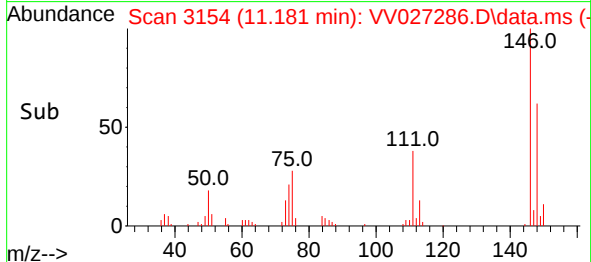
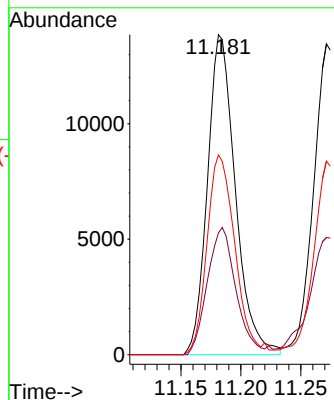
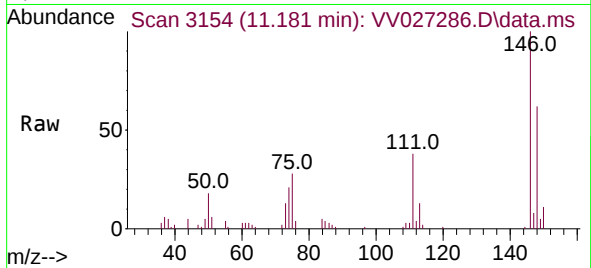




#64
1,3-Dichlorobenzene
Concen: 0.961 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

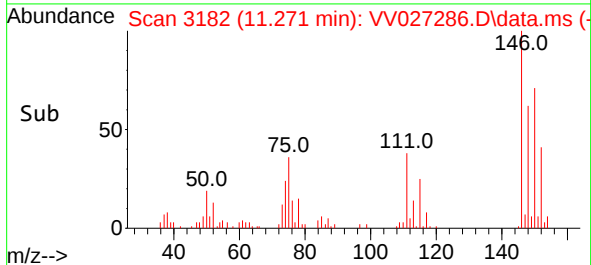
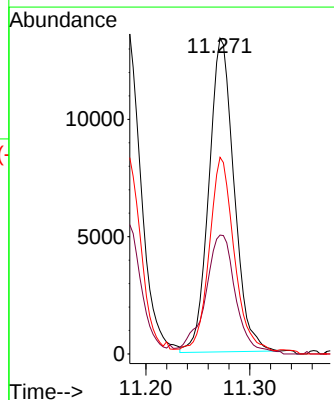
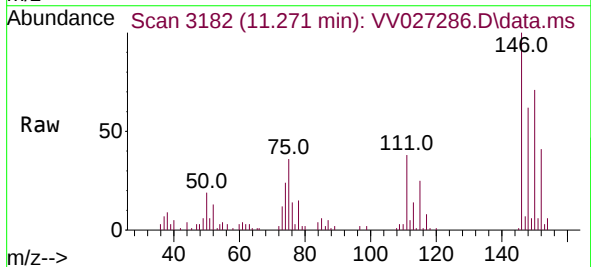
Instrument :
MSVOA_V
ClientSampleId :

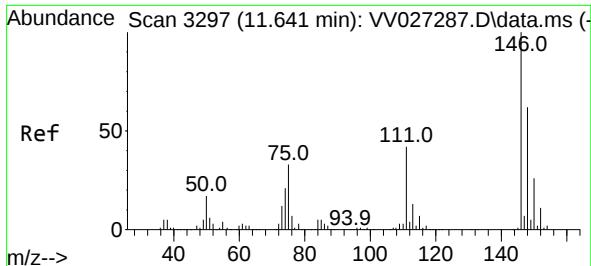
Tgt Ion:146 Resp: 22442
Ion Ratio Lower Upper
146 100
111 38.1 28.8 53.4
148 62.4 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 0.958 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027286.D
Acq: 11 Aug 2022 17:56

Tgt Ion:146 Resp: 22506
Ion Ratio Lower Upper
146 100
111 37.6 27.4 51.0
148 62.3 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 0.946 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

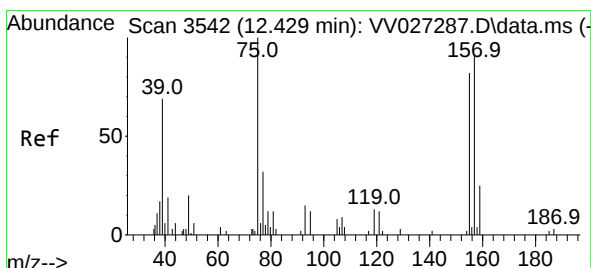
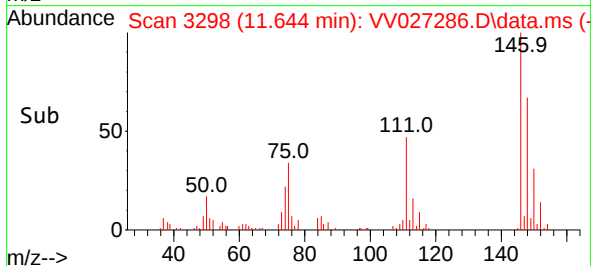
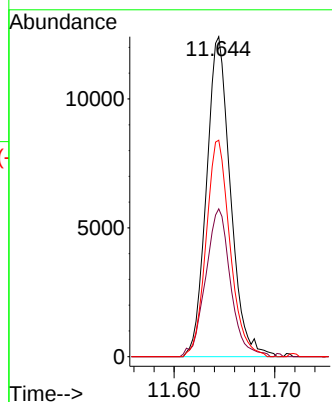
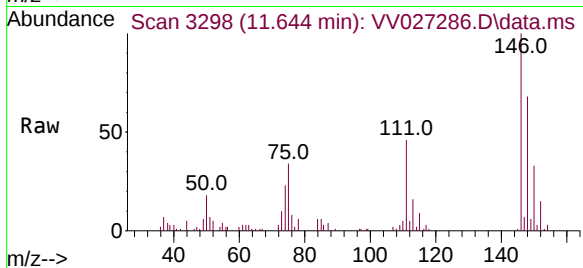
Tgt Ion:146 Resp: 20559

Ion Ratio Lower Upper

146 100

111 46.2 33.2 49.8

148 67.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 1.075 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

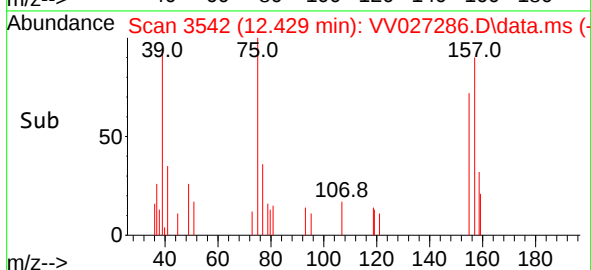
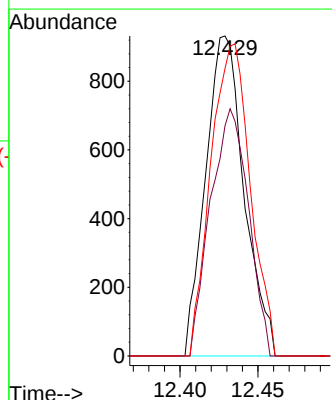
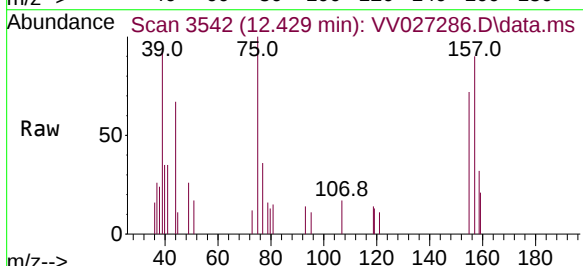
Tgt Ion: 75 Resp: 1604

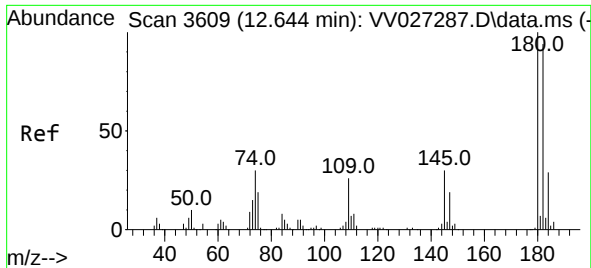
Ion Ratio Lower Upper

75 100

155 71.9 65.8 98.6

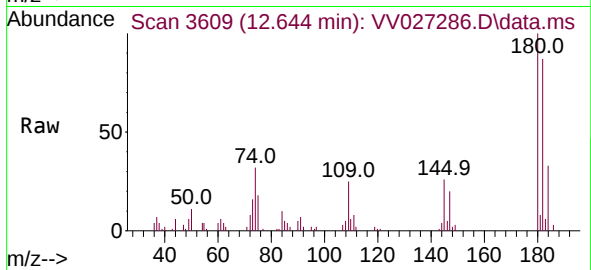
157 89.8 73.0 109.4



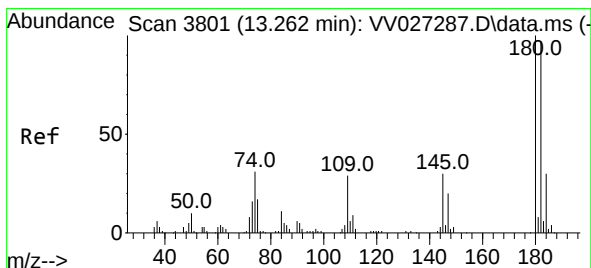
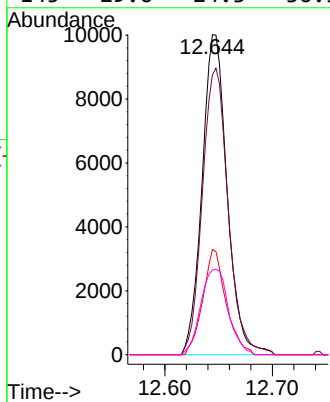
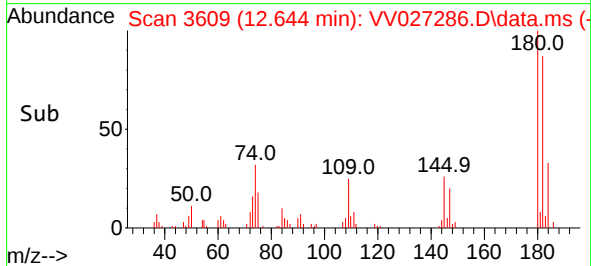


#69
 1,3,5-Trichlorobenzene
 Concen: 0.964 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56

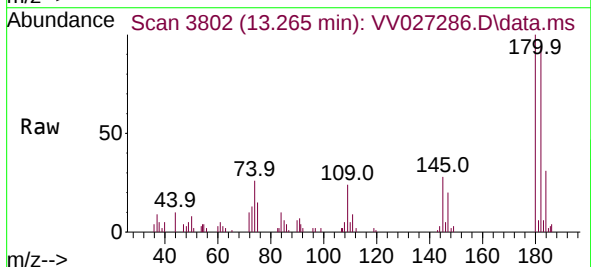
Instrument :
 MSVOA_V
 ClientSampleId :



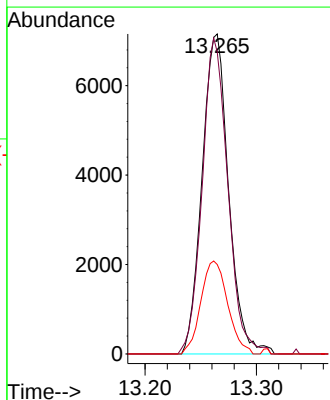
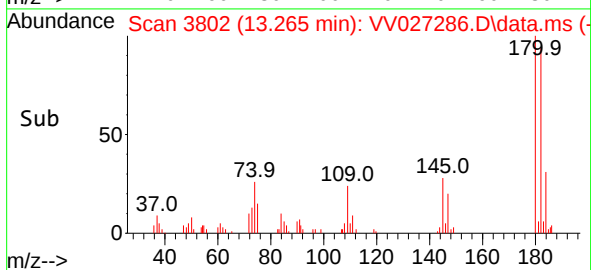
Tgt Ion:180 Resp: 16223
 Ion Ratio Lower Upper
 180 100
 182 91.8 74.7 112.1
 184 30.4 23.3 34.9
 145 29.6 24.3 36.5

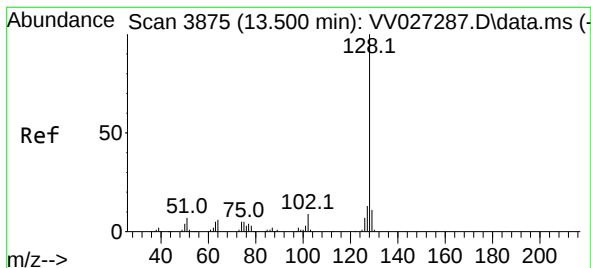


#70
 1,2,4-trichlorobenzene
 Concen: 0.940 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV027286.D
 Acq: 11 Aug 2022 17:56



Tgt Ion:180 Resp: 11824
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.4 116.0
 145 29.4 24.9 37.3





#71

Naphthalene

Concen: 0.941 ug/L

RT: 13.506 min Scan# 3875

Delta R.T. 0.006 min

Lab File: VV027286.D

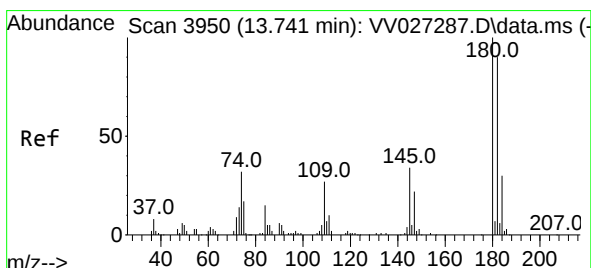
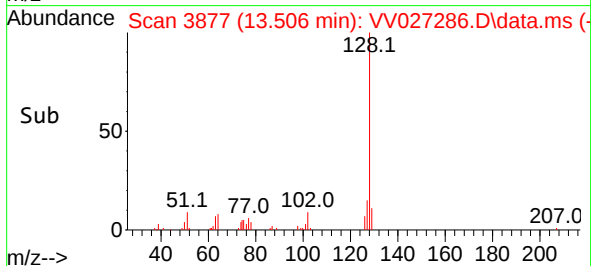
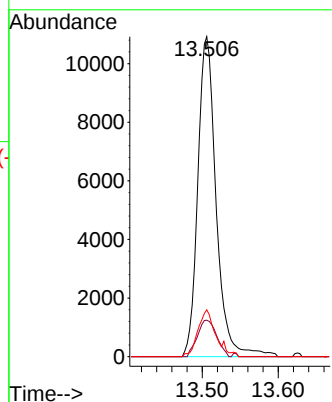
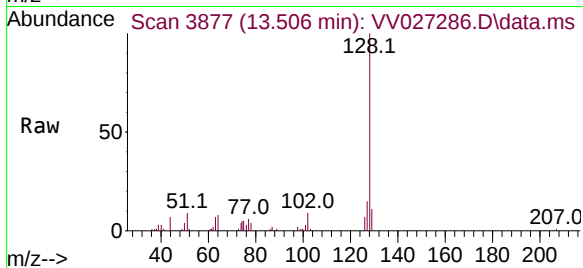
Acq: 11 Aug 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	18292
Ion Ratio	Lower	Upper
128	100	
129	12.0	9.0 13.4
127	14.3	10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.932 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027286.D

Acq: 11 Aug 2022 17:56

Tgt Ion:180	Resp:	10931
Ion Ratio	Lower	Upper
180	100	
182	95.9	73.8 110.6
145	34.8	27.0 40.4

